

Table 1.24
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity
Both Sexes

All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2007-2011	2002-2011		2007-2011	2002-2011		2007-2011	2002-2011
All Sites	460.4	-0.6*	All Sites	468.9	-0.6*	All Sites	480.8	-1.0*
Breast	67.1	-0.3	Breast	68.3	-0.5	Prostate ^f	94.8	-2.0*
Prostate ^f	67.0	-1.9*	Prostate ^f	64.2	-2.2*	Breast	70.0	0.3
Lung and Bronchus	60.1	-1.7*	Lung and Bronchus	61.7	-1.6*	Lung and Bronchus	68.0	-1.9*
Colon and Rectum	43.7	-2.8*	Colon and Rectum	42.9	-2.9*	Colon and Rectum	53.6	-2.7*
Melanoma of the Skin	21.3	1.4*	Melanoma of the Skin	25.2	1.3*	Kidney and Renal Pelvis	17.9	2.7*
Urinary Bladder	20.5	-0.8*	Urinary Bladder	22.4	-0.7*	Pancreas	15.6	-0.2
Non-Hodgkin Lymphoma	19.7	-0.1	Non-Hodgkin Lymphoma	20.6	-0.2	Non-Hodgkin Lymphoma	14.3	-0.3
Kidney and Renal Pelvis	15.5	1.9*	Kidney and Renal Pelvis	15.9	1.9*	Corpus and Uterus, NOS ^f	13.3	2.3*
Corpus and Uterus, NOS ^f	13.1	1.0*	Leukemia	13.7	0.0	Urinary Bladder	12.6	-0.5
Leukemia	13.0	0.0	Thyroid	13.7	5.8*	Myeloma	12.2	0.4
Thyroid	12.9	5.8*	Corpus and Uterus, NOS ^f	13.4	0.8*	Stomach	11.2	-2.1*
Pancreas	12.3	0.7*	Pancreas	12.2	0.9*	Leukemia	10.0	-1.0
Oral Cavity and Pharynx	11.0	0.4*	Oral Cavity and Pharynx	11.4	0.8*	Liver & IBD ^g	9.4	3.4*
Liver & IBD ^g	7.9	3.4*	Brain and ONS ^g	7.1	-0.5	Oral Cavity and Pharynx	9.4	-2.5*
Stomach	7.5	-1.3*	Liver & IBD ^g	7.0	4.1*	Thyroid	7.6	5.9*
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2007-2011	2002-2011		2007-2011	2002-2011		2007-2011	2002-2011
All Sites	306.7	-0.9*	All Sites	319.3	-0.8	All Sites	357.9	-0.7*
Breast	51.6	0.6	Breast	42.8	0.1	Prostate ^f	54.0	-3.0*
Lung and Bronchus	37.0	-1.4*	Lung and Bronchus	40.9	-2.7*	Breast	50.1	0.2
Colon and Rectum	36.9	-2.2*	Colon and Rectum	40.0	-1.7*	Colon and Rectum	37.2	-1.6*
Prostate ^f	34.5	-3.6*	Prostate ^f	31.6	-3.6*	Lung and Bronchus	32.0	-1.6*
Liver & IBD ^g	14.1	-0.9	Kidney and Renal Pelvis	19.4	1.6	Non-Hodgkin Lymphoma	18.0	0.5
Non-Hodgkin Lymphoma	13.4	0.0	Liver & IBD ^g	13.7	3.9	Kidney and Renal Pelvis	15.4	1.8*
Thyroid	12.5	5.5*	Non-Hodgkin Lymphoma	12.2	1.8	Liver & IBD ^g	12.3	2.9*
Stomach	11.5	-3.7*	Pancreas	10.7	0.6	Urinary Bladder	11.7	-0.8
Corpus and Uterus, NOS ^f	10.5	2.5*	Corpus and Uterus, NOS ^f	10.6	2.2	Pancreas	11.2	0.1
Pancreas	9.7	0.9	Stomach	9.6	-4.0*	Stomach	11.2	-1.9*
Urinary Bladder	8.8	-1.6*	Urinary Bladder	8.1	0.7	Thyroid	11.0	5.4*
Kidney and Renal Pelvis	8.1	2.3*	Oral Cavity and Pharynx	8.1	3.0	Corpus and Uterus, NOS ^f	10.9	2.3*
Leukemia	7.6	-0.2	Thyroid	7.7	4.2*	Leukemia	10.4	0.2
Oral Cavity and Pharynx	7.5	-1.1	Leukemia	7.3	0.1	Oral Cavity and Pharynx	6.7	1.4*
Ovary ^{fh}	5.1	-1.5*	Ovary ^{fh}	5.4	-2.1	Ovary ^{fh}	6.0	-1.7*

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2007-2011 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

^d Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^e Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^f Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^g Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^h The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

ⁱ IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

^j Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

^k The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.25
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2007-2011	2002-2011		2007-2011	2002-2011		2007-2011	2002-2011
All Sites	529.4	-1.2*	All Sites	532.1	-1.2*	All Sites	600.9	-1.9*
Prostate	147.8	-2.3*	Prostate	139.9	-2.6*	Prostate	223.9	-2.5*
Lung and Bronchus	72.2	-2.4*	Lung and Bronchus	72.4	-2.3*	Lung and Bronchus	93.0	-2.8*
Colon and Rectum	50.6	-3.0*	Colon and Rectum	49.6	-3.2*	Colon and Rectum	62.3	-2.8*
Urinary Bladder	36.2	-0.8*	Urinary Bladder	39.4	-0.8*	Kidney and Renal Pelvis	24.7	2.1*
Melanoma of the Skin	27.7	1.6*	Melanoma of the Skin	32.3	1.6*	Urinary Bladder	21.3	0.1
Non-Hodgkin Lymphoma	23.9	0.0	Non-Hodgkin Lymphoma	24.9	-0.1	Non-Hodgkin Lymphoma	17.4	-0.5
Kidney and Renal Pelvis	21.2	1.8*	Kidney and Renal Pelvis	21.7	1.8*	Pancreas	17.2	0.3
Leukemia	16.7	-0.3	Leukemia	17.5	-0.3	Liver & IBD ^f	15.6	3.6*
Oral Cavity and Pharynx	16.5	0.4*	Oral Cavity and Pharynx	17.0	0.8*	Stomach	15.3	-3.1*
Pancreas	14.0	0.9*	Pancreas	14.0	1.0*	Myeloma	14.8	-0.3
Liver & IBD ^f	12.4	3.7*	Liver & IBD ^f	10.8	4.3*	Oral Cavity and Pharynx	14.7	-2.9*
Stomach	10.3	-1.6*	Stomach	9.2	-1.2*	Leukemia	12.9	-1.3
Myeloma	7.7	0.7*	Brain and ONS ^f	8.4	-0.5	Larynx	9.0	-3.5*
Esophagus	7.7	-0.7	Esophagus	8.0	-0.1	Esophagus	7.9	-4.8*
Brain and ONS ^f	7.6	-0.5*	Myeloma	7.2	0.7*	Brain and ONS ^f	4.7	-0.5

Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2007-2011	2002-2011		2007-2011	2002-2011		2007-2011	2002-2011
All Sites	331.0	-1.8*	All Sites	348.1	-0.7	All Sites	409.1	-1.4*
Prostate	79.3	-3.8*	Prostate	71.5	-3.9*	Prostate	122.6	-3.3*
Lung and Bronchus	49.4	-2.2*	Lung and Bronchus	49.5	-2.4	Colon and Rectum	44.9	-1.8*
Colon and Rectum	43.1	-2.4*	Colon and Rectum	45.5	0.2	Lung and Bronchus	40.4	-2.7*
Liver & IBD ^f	21.6	-0.7	Kidney and Renal Pelvis	25.3	2.4	Non-Hodgkin Lymphoma	20.8	0.6
Non-Hodgkin Lymphoma	16.3	0.0	Liver & IBD ^f	20.7	5.1	Urinary Bladder	20.6	-0.7
Urinary Bladder	15.5	-2.0*	Urinary Bladder	15.4	-	Kidney and Renal Pelvis	20.4	1.6*
Stomach	14.9	-4.1*	Non-Hodgkin Lymphoma	14.1	1.4	Liver & IBD ^f	18.8	3.3*
Kidney and Renal Pelvis	11.5	2.6*	Stomach	12.9	-4.3*	Stomach	14.9	-1.6*
Oral Cavity and Pharynx	10.9	-0.3	Pancreas	12.6	-	Leukemia	12.5	-0.2
Pancreas	10.7	0.8	Oral Cavity and Pharynx	12.5	4.1	Pancreas	12.3	1.2*
Leukemia	9.4	0.1	Leukemia	8.6	1.7	Oral Cavity and Pharynx	9.9	1.1
Thyroid	5.7	5.7*	Esophagus	4.8	-	Myeloma	7.0	-0.3
Myeloma	4.5	1.8*	Testis	4.5	-	Brain and ONS ^f	5.8	-1.3*
Brain and ONS ^f	4.2	0.8	Larynx	4.3	-	Esophagus	5.3	-0.7
Esophagus	3.7	-1.2	Myeloma	4.3	-	Melanoma of the Skin	4.8	-0.8

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2007-2011 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.26
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Females

All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2007-2011	2002-2011		2007-2011	2002-2011		2007-2011	2002-2011
All Sites	411.3	-0.2	All Sites	424.4	-0.2	All Sites	398.8	-0.2
Breast	124.6	-0.2	Breast	128.0	-0.3	Breast	122.8	0.5
Lung and Bronchus	51.1	-1.0*	Lung and Bronchus	53.8	-0.9*	Lung and Bronchus	51.2	-0.7
Colon and Rectum	38.2	-2.6*	Colon and Rectum	37.3	-2.7*	Colon and Rectum	47.5	-2.7*
Corpus and Uterus, NOS	24.6	1.2*	Corpus and Uterus, NOS	25.4	1.1*	Corpus and Uterus, NOS	23.2	2.5*
Thyroid	19.1	6.0*	Thyroid	20.4	6.0*	Pancreas	14.2	-0.5
Melanoma of the Skin	16.7	0.9	Melanoma of the Skin	20.0	0.9	Kidney and Renal Pelvis	12.7	3.2*
Non-Hodgkin Lymphoma	16.3	-0.3	Non-Hodgkin Lymphoma	17.2	-0.3	Non-Hodgkin Lymphoma	11.9	-0.2
Ovary ^g	12.3	-1.7*	Ovary ^g	13.0	-1.6*	Thyroid	11.3	6.3*
Pancreas	10.9	0.6*	Kidney and Renal Pelvis	11.0	1.7*	Myeloma	10.5	0.8
Kidney and Renal Pelvis	10.7	1.8*	Pancreas	10.7	0.7*	Ovary ^g	9.8	-1.4*
Leukemia	10.2	0.1	Leukemia	10.7	0.2	Cervix Uteri	9.4	-3.3*
Urinary Bladder	8.8	-1.2*	Urinary Bladder	9.5	-1.1*	Stomach	8.5	-1.1
Cervix Uteri	7.8	-1.6*	Cervix Uteri	7.8	-1.2*	Leukemia	8.0	-0.8
Oral Cavity and Pharynx	6.2	0.1	Oral Cavity and Pharynx	6.4	0.4	Urinary Bladder	6.9	-1.8*
Brain and ONS ^f	5.4	-0.7*	Brain and ONS ^f	6.0	-0.7*	Oral Cavity and Pharynx	5.3	-1.7

Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2007-2011	2002-2011		2007-2011	2002-2011		2007-2011	2002-2011
All Sites	293.0	0.0	All Sites	301.9	-0.6	All Sites	325.6	0.0
Breast	93.6	0.6	Breast	79.3	0.2	Breast	93.2	0.3
Colon and Rectum	32.0	-2.1*	Colon and Rectum	35.5	-3.5*	Colon and Rectum	31.2	-1.4*
Lung and Bronchus	28.1	-0.2	Lung and Bronchus	34.7	-2.8	Lung and Bronchus	26.1	-0.4
Corpus and Uterus, NOS	19.1	2.5*	Corpus and Uterus, NOS	20.0	2.6	Corpus and Uterus, NOS	20.4	2.5*
Thyroid	18.5	5.3*	Kidney and Renal Pelvis	14.5	0.8	Thyroid	17.2	5.5*
Non-Hodgkin Lymphoma	11.2	-0.2	Thyroid	11.8	4.7*	Non-Hodgkin Lymphoma	15.6	0.4
Ovary ^g	9.3	-1.5*	Non-Hodgkin Lymphoma	10.6	1.3	Kidney and Renal Pelvis	11.3	2.1*
Stomach	9.0	-3.2*	Ovary ^g	9.8	-1.9	Ovary ^g	11.1	-1.4*
Pancreas	8.9	1.0	Pancreas	9.1	-0.4	Cervix Uteri	10.3	-4.4*
Liver & IBD ^f	8.1	-1.3	Liver & IBD ^f	8.0	1.9	Pancreas	10.3	-0.8
Cervix Uteri	6.4	-3.5*	Cervix Uteri	7.6	0.1	Leukemia	8.7	0.5
Leukemia	6.1	-0.6	Stomach	7.3	-3.6	Stomach	8.4	-2.4*
Kidney and Renal Pelvis	5.5	1.8	Leukemia	6.5	-0.5	Liver & IBD ^f	6.8	1.8
Oral Cavity and Pharynx	4.7	-2.4*	Oral Cavity and Pharynx	4.4	-	Urinary Bladder	5.3	-1.4*
Urinary Bladder	3.9	-0.5	Melanoma of the Skin	4.0	-	Myeloma	4.8	-0.5

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2007-2011 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^d Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

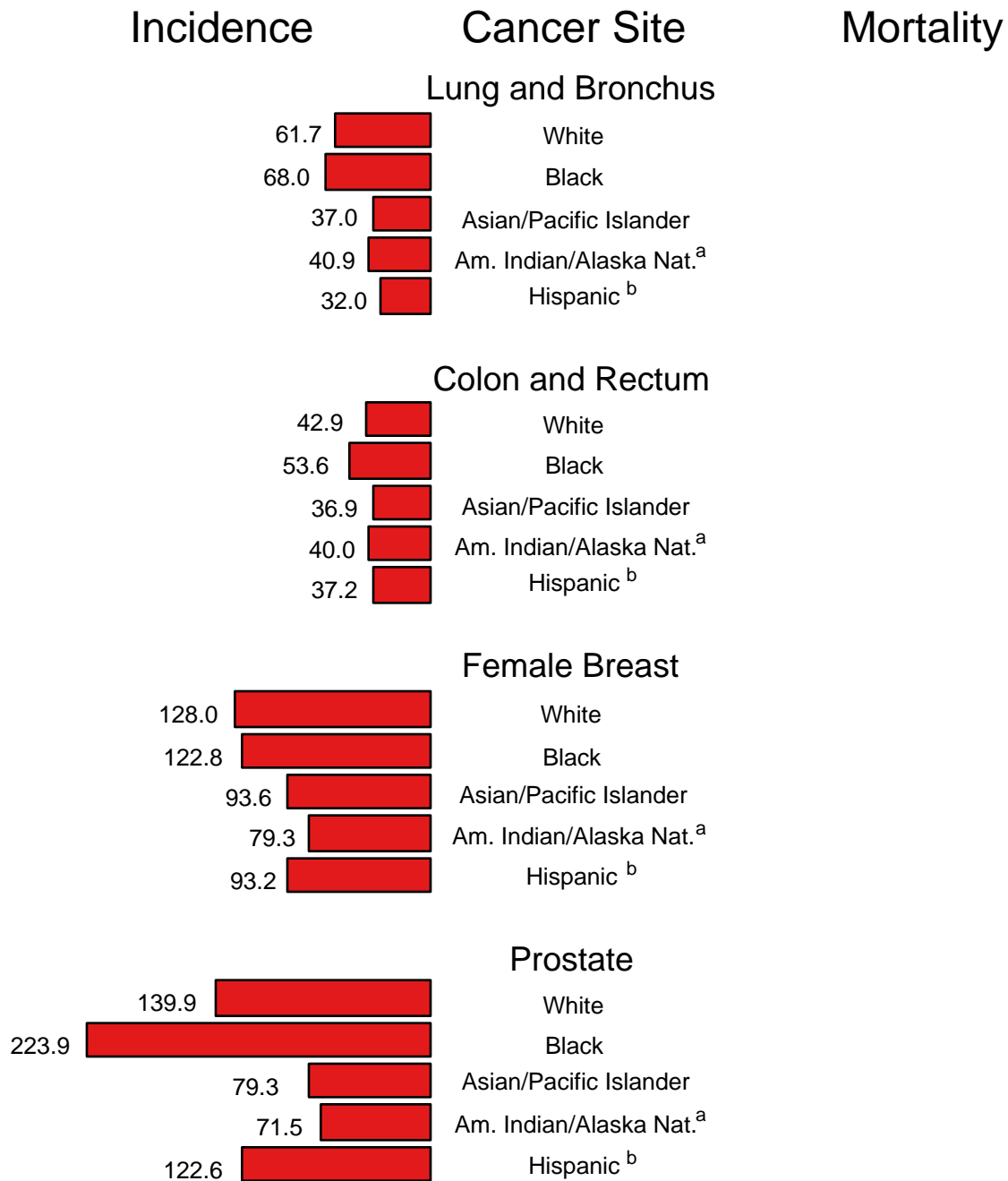
^g Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

* The APC is significantly different from zero (p<.05).

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Figure 1.12

SEER Cancer Incidence and US Death Rates, 2007-2011 By Cancer Site and Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG) and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

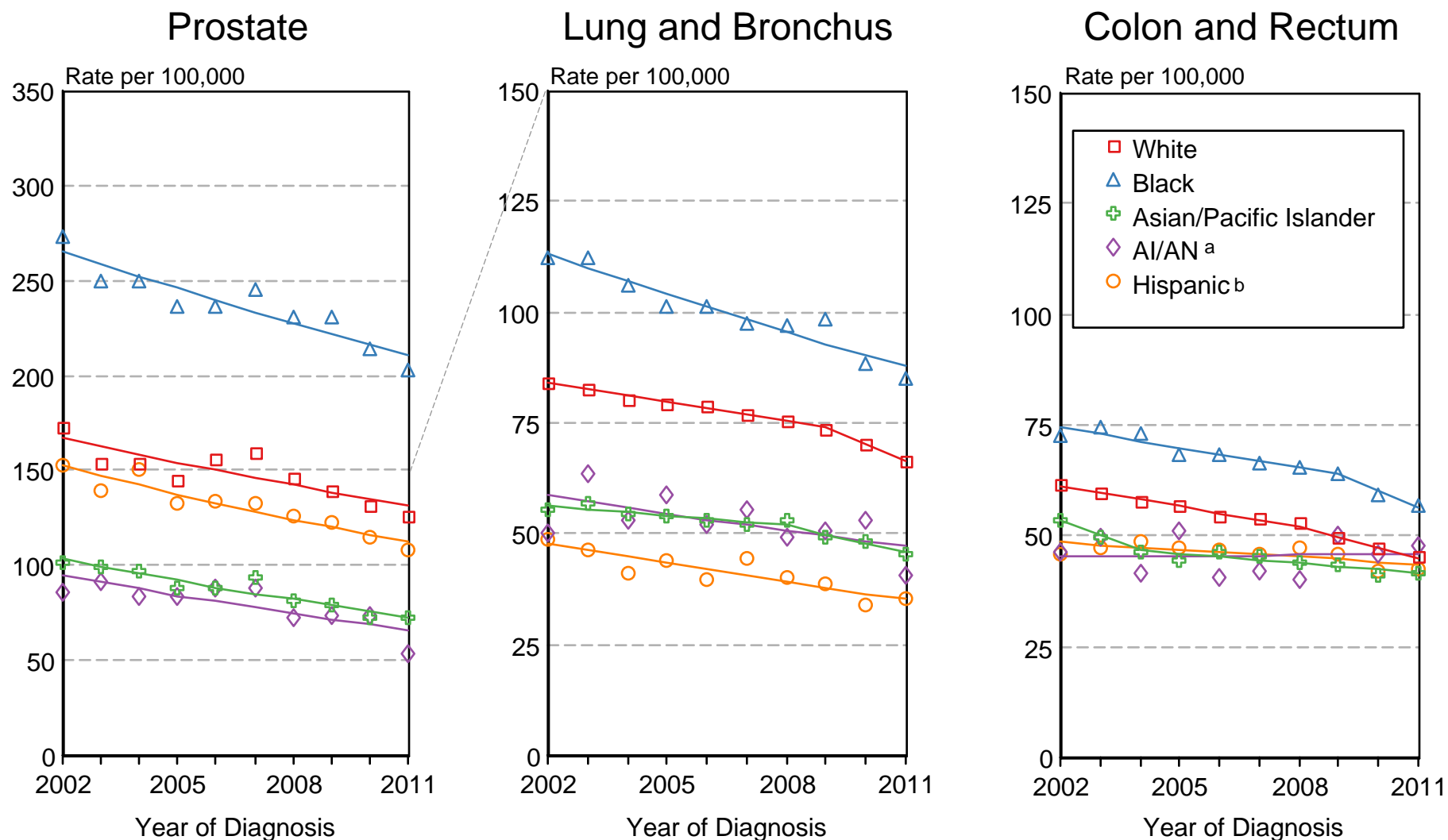
^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Mortality data for Hispanics exclude cases from the District of Columbia, North Dakota and South Carolina.

Figure 1.13

SEER Incidence 2002-2011 Males by Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

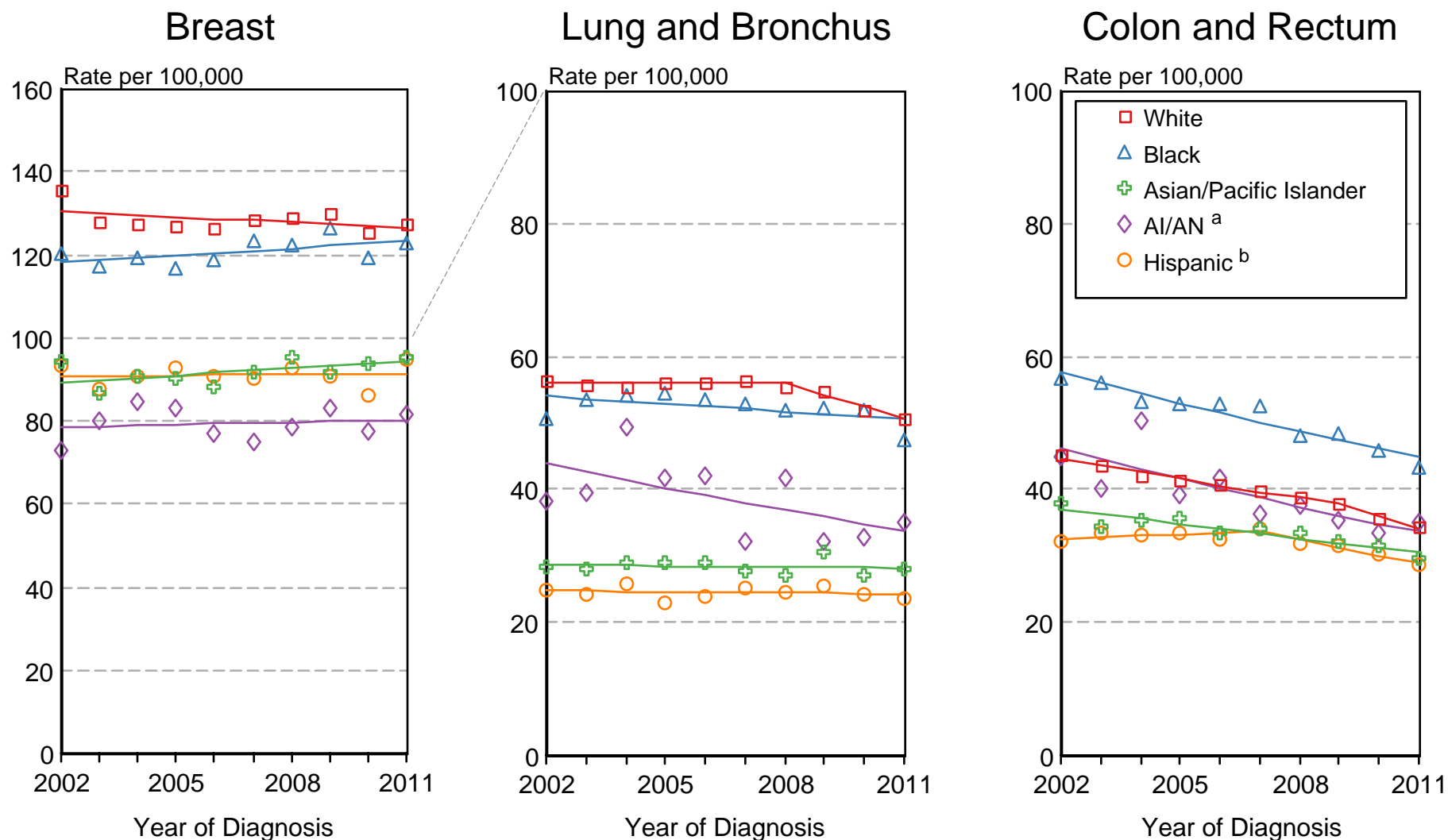
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 1.14

SEER Incidence 2002-2011 Females by Race/Ethnicity



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Table 2.15
All Cancer Sites (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	460.4	529.4	411.3	-0.8*	-1.2*	-0.3*	-0.7*	-1.2*	-0.2*
White	468.9	532.1	424.4	-0.8*	-1.2*	-0.3*	-0.7*	-1.3*	-0.2*
White Hispanic ^e	367.5	417.4	336.5	-0.3*	-1.2*	0.1*	-	-	-
White Non-Hispanic ^e	487.4	551.7	441.4	-0.8*	-1.1*	-0.3	-	-	-
Black	480.8	600.9	398.8	-1.2*	-2.1*	0.0	-1.1*	-2.0*	0.0
Asian/Pacific Islander	306.7	331.0	293.0	-0.5*	-1.6*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	319.3	348.1	301.9	0.2	-0.2	0.6*	-	-	-
Hispanic ^e	357.9	409.1	325.6	-0.3*	-1.3*	0.1	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

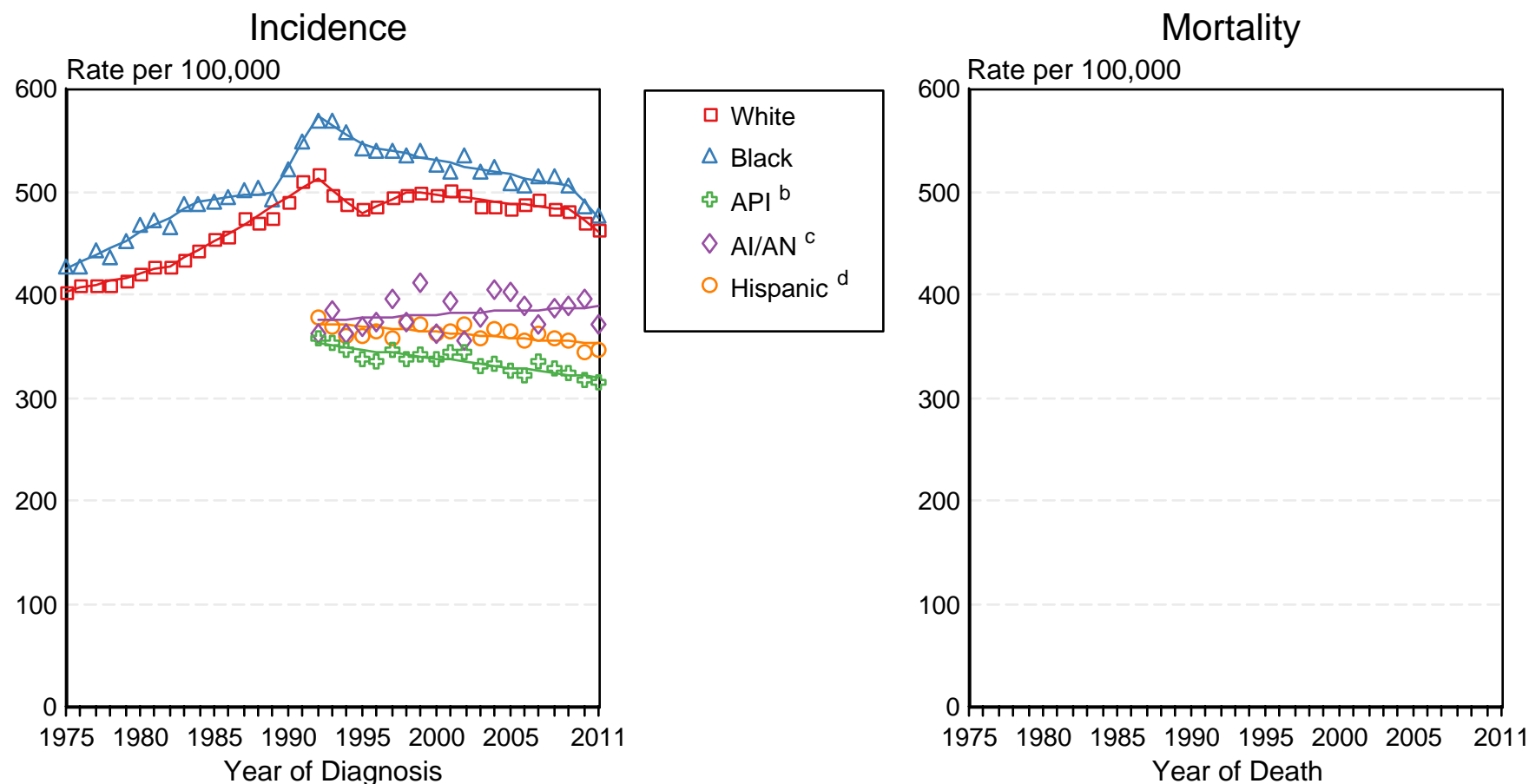
The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

The APC is significantly different from zero (p<.05).

Figure 2.4

SEER Incidence and US Death Rates^a All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 3.15
Cancer of the Brain And Other Nervous System (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.6	5.4	-0.8	-0.4*	-0.2	-0.2*	-0.4*	-0.1
White	7.1	8.4	6.0	-0.8	-1.0	-0.1	-0.1	-0.2	0.0
White Hispanic ^e	5.4	6.2	4.7	-1.8*	-1.9*	-0.9*	-	-	-
White Non-Hispanic ^e	7.6	9.0	6.3	-0.6	-0.1	0.2	-	-	-
Black	4.1	4.7	3.6	0.1	-0.2	0.3	0.2	-0.2	0.7*
Asian/Pacific Islander	3.5	4.2	2.9	-0.4	-0.2	-0.6	-	-	-
Amer Ind/Alaska Nat ^f	3.4	3.9	2.8	-	-	-	-	-	-
Hispanic ^e	5.1	5.8	4.5	-2.0*	-2.1*	-0.8*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

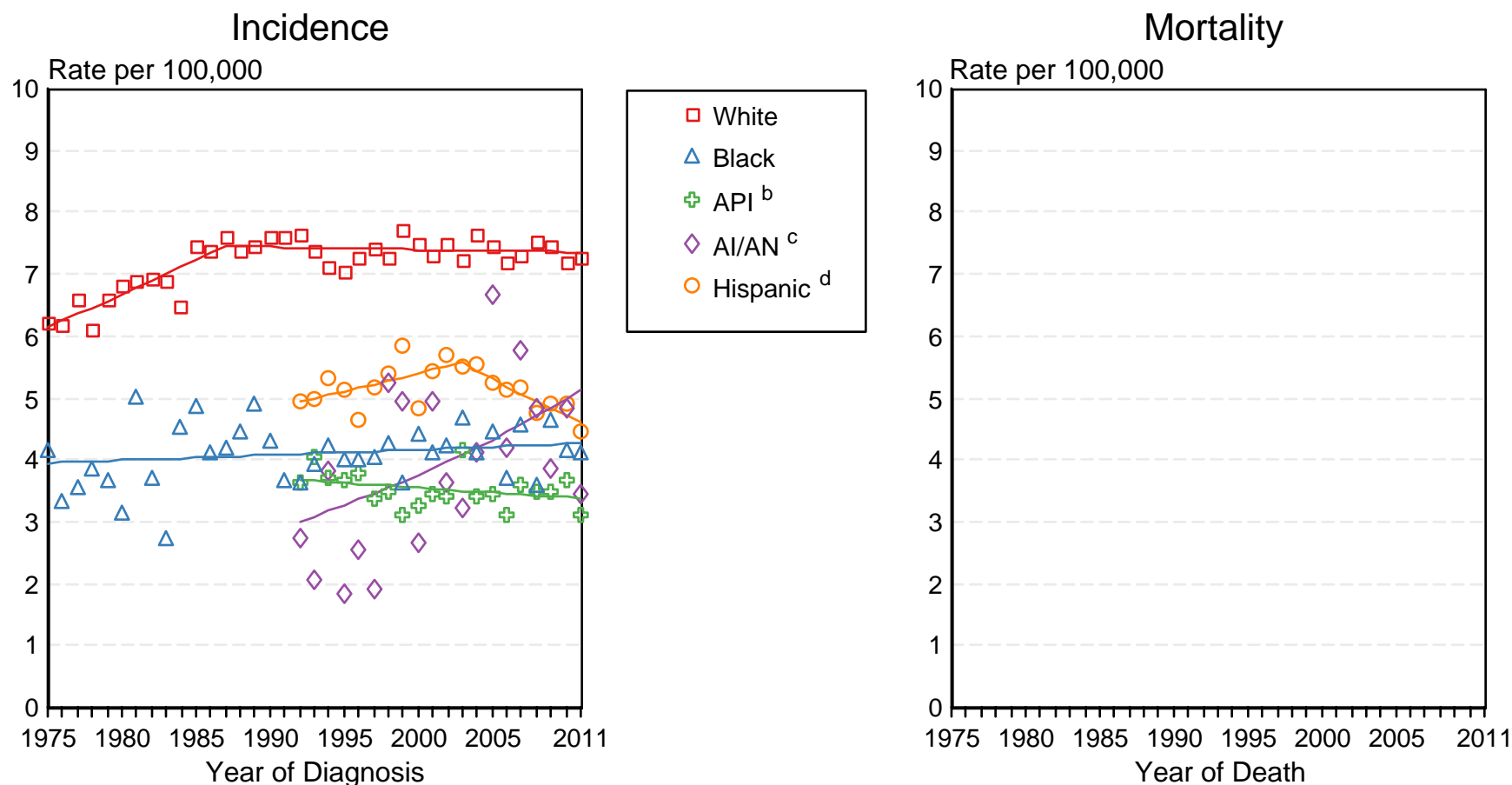
Figure 3.2

SEER Incidence and US Death Rates^a

Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 4.19
Cancer of the Female Breast (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2007-2011	Trend 2002-2011 ^c	Trend 2002-2011 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	124.6	-0.4	-0.3
White	128.0	-0.5	-0.5
White Hispanic ^e	96.3	0.1	-
White Non-Hispanic ^e	133.9	-0.4	-
Black	122.8	0.2*	0.1
Asian/Pacific Islander	93.6	0.6	-
Amer Ind/Alaska Nat ^f	79.3	0.0	-
Hispanic ^e	93.2	0.1	-

U.S. Mortality ^g	Rate 2007-2011	Trend 2002-2011 ^h
	Rate per 100,000 persons	AAPC (%)
	Females	Females
RACE/ETHNICITY		
All Races		
White		
White Hispanic ^e		
White Non-Hispanic ^e		
Black		
Asian/Pacific Islander		
Amer Ind/Alaska Nat		
Total U.S.		
CHSDA Counties		
Non-CHSDA Counties		
Hispanic ^e		

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Table 4.20
Cancer of the Female Breast (*In Situ*)

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence RACE/ETHNICITY	SEER 18 Areas ^b Rate 2007-2011 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)	SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)
	Females	Females	Females
All Races	31.7	0.6	0.8*
White	32.1	0.4	0.7*
White Hispanic ^e	21.4	1.6*	-
White Non-Hispanic ^e	34.3	0.5	-
Black	29.9	0.7	1.6*
Asian/Pacific Islander	29.7	0.0	-
Amer Ind/Alaska Nat ^f	15.0	1.5	-
Hispanic ^e	21.1	1.5*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

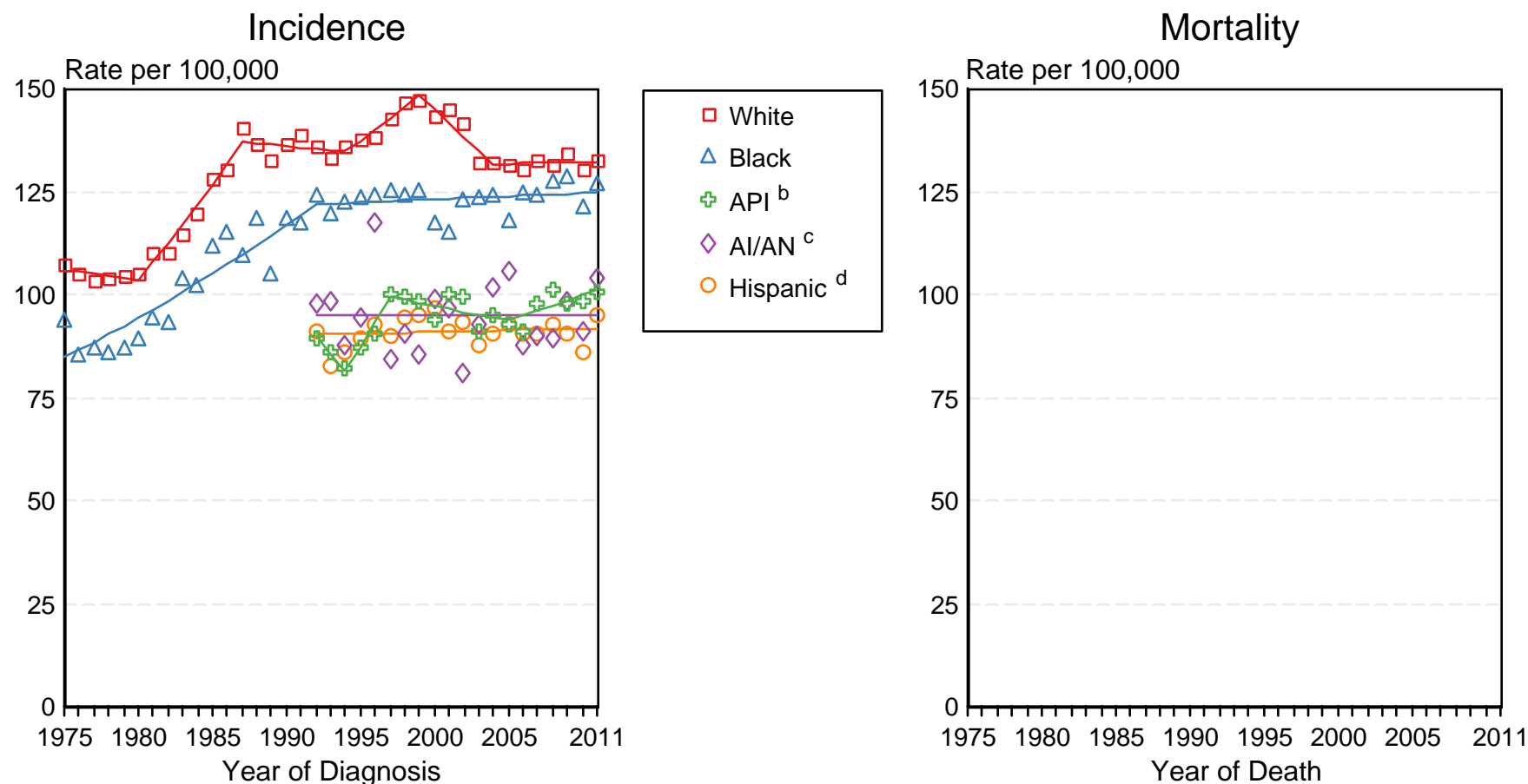
^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero ($p < .05$).

Figure 4.4

SEER Incidence and US Death Rates^a Cancer of the Female Breast

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 5.11
Cancer of the Cervix Uteri (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2007-2011	Trend 2002-2011 ^c	Trend 2002-2011 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	7.8	-2.5*	-1.2*
White	7.8	-2.0*	-0.7
White Hispanic ^e	10.9	-3.9*	-
White Non-Hispanic ^e	7.2	-0.9	-
Black	9.4	-3.7*	-3.7*
Asian/Pacific Islander	6.4	-4.5*	-
Amer Ind/Alaska Nat ^f	7.6	-1.2	-
Hispanic ^e	10.3	-4.0*	-

U.S. Mortality ^g	Rate 2007-2011	Trend 2002-2011 ^h
	Rate per 100,000 persons	AAPC (%)
	Females	Females
RACE/ETHNICITY		
All Races		
White		
White Hispanic ^e		
White Non-Hispanic ^e		
Black		
Asian/Pacific Islander		
Amer Ind/Alaska Nat		
Total U.S.		
CHSDA Counties		
Non-CHSDA Counties		
Hispanic ^e		

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

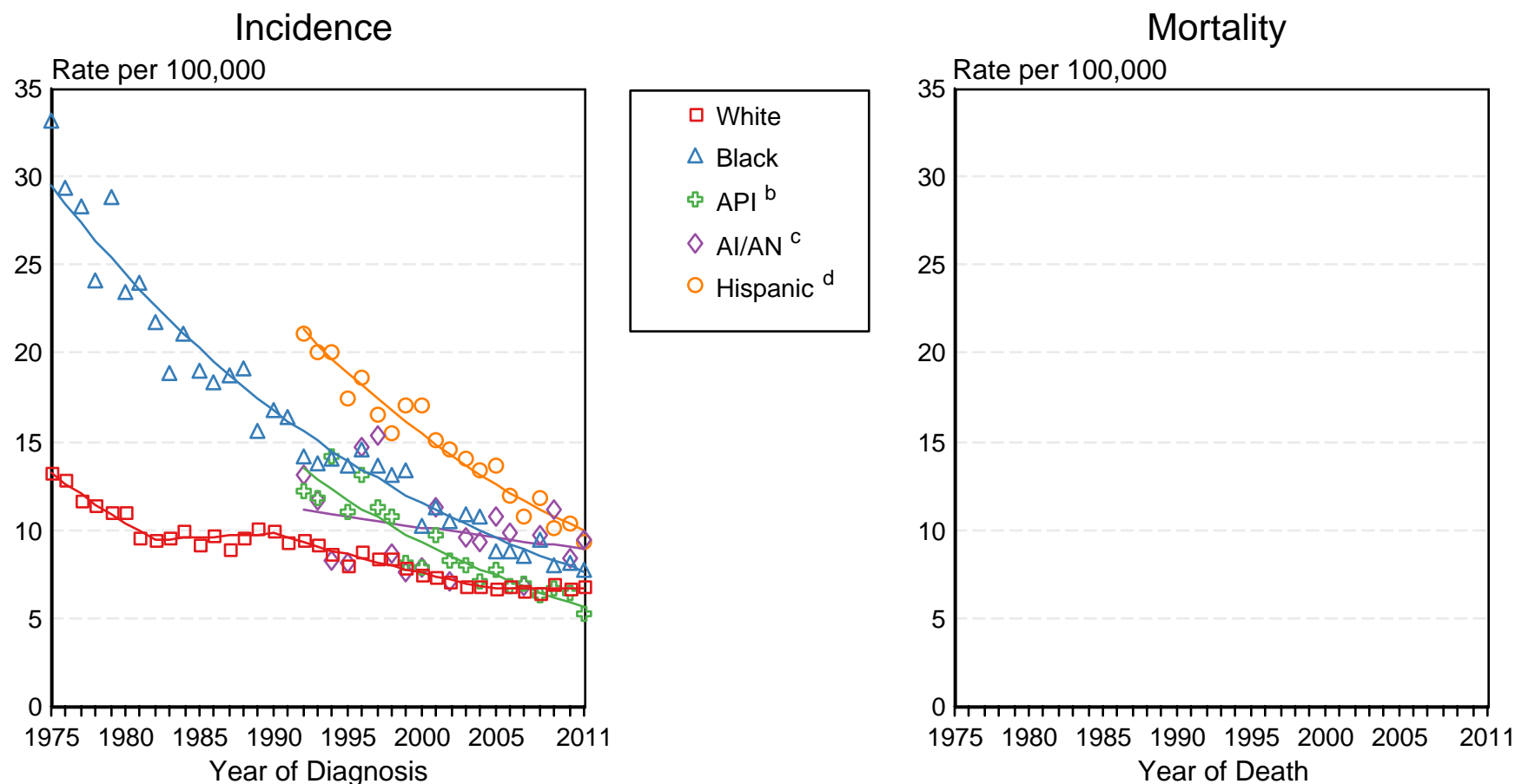
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 5.3

SEER Incidence and US Death Rates^a Cancer of the Cervix Uteri

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 6.21
Cancer of the Colon and Rectum (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	43.7	50.6	38.2	-2.9*	-3.1*	-2.8*	-3.1*	-3.3*	-3.0*
White	42.9	49.6	37.3	-3.2*	-3.4*	-3.0*	-3.4*	-3.7*	-3.2*
White Hispanic ^e	38.1	46.2	31.8	-1.5*	-1.5*	-1.4*	-	-	-
White Non-Hispanic ^e	43.7	50.3	38.1	-3.3*	-3.6*	-3.1*	-	-	-
Black	53.6	62.3	47.5	-3.2*	-2.9*	-3.2*	-3.0*	-3.3*	-3.1*
Asian/Pacific Islander	36.9	43.1	32.0	-2.2*	-2.5*	-1.1*	-	-	-
Amer Ind/Alaska Nat ^f	40.0	45.5	35.5	-0.3	-0.2	-0.5	-	-	-
Hispanic ^e	37.2	44.9	31.2	-1.6*	-1.2*	-1.5*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Table 6.22
Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

Cancer of the Colon <u>SEER Incidence</u>	SEER 18 Areas ^b Rate 2007-2011 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)			SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	31.1	34.8	28.2	-3.2*	-3.4*	-3.2*	-3.5*	-3.5*	-3.5*
White	30.6	34.3	27.5	-3.4*	-3.7*	-3.4*	-3.6*	-3.8*	-3.4*
White Hispanic ^e	26.3	30.7	23.0	-1.8*	-1.7*	-1.8*	-	-	-
White Non-Hispanic ^e	31.2	34.8	28.2	-3.5*	-3.8*	-3.5*	-	-	-
Black	40.1	45.4	36.4	-3.1*	-3.3*	-3.6*	-3.6*	-3.7*	-3.6*
Asian/Pacific Islander	24.5	27.2	22.4	-2.8*	-3.1*	-1.3*	-	-	-
Amer Ind/Alaska Nat ^f	27.8	30.0	26.3	-0.7	-1.1	-0.4	-	-	-
Hispanic ^e	25.7	29.8	22.6	-1.8*	-1.3*	-1.9*	-	-	-
Cancer of the Rectum <u>SEER Incidence</u>	SEER 18 Areas ^b Rate 2007-2011 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)			SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	12.6	15.7	10.0	-2.1*	-2.4*	-1.6*	-2.3*	-2.6*	-2.0*
White	12.3	15.4	9.7	-2.5*	-2.8*	-1.8*	-2.7*	-3.2*	-2.4*
White Hispanic ^e	11.8	15.5	8.8	-0.6*	-0.8*	-0.6*	-	-	-
White Non-Hispanic ^e	12.5	15.5	9.9	-2.6*	-3.0*	-1.9*	-	-	-
Black	13.5	16.9	11.1	-2.1	-0.9*	-0.3	-0.2	-2.4	-0.2
Asian/Pacific Islander	12.4	15.9	9.7	-1.1*	-1.3*	-0.7*	-	-	-
Amer Ind/Alaska Nat ^f	12.2	15.5	9.2	0.4	-	-	-	-	-
Hispanic ^e	11.5	15.0	8.6	-0.7*	-0.8*	-0.6*	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

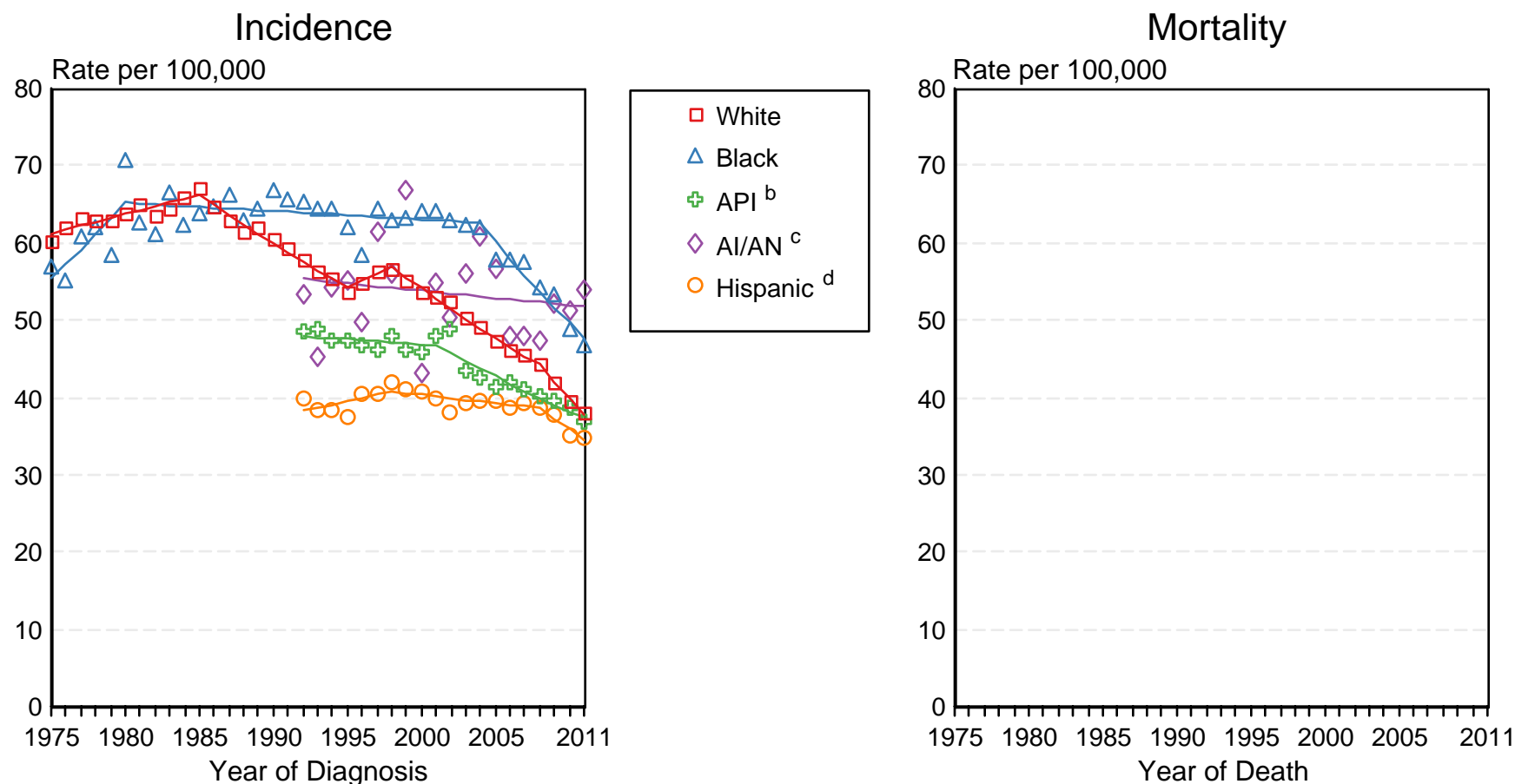
^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Figure 6.2

SEER Incidence and US Death Rates^a Cancer of the Colon and Rectum, Both Sexes Joinpoint Analyses for Whites and Blacks from 1975-2011 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 7.11
Cancer of the Corpus And Uterus, NOS (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

<u>SEER Incidence</u>	SEER 18 Areas ^b Rate 2007-2011 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)	SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	24.6	1.2*	0.9
White	25.4	1.0*	0.8*
White Hispanic ^e	21.0	1.6*	-
White Non-Hispanic ^e	26.0	0.8*	-
Black	23.2	2.4*	3.0*
Asian/Pacific Islander	19.1	1.7*	-
Amer Ind/Alaska Nat ^f	20.0	-	-
Hispanic ^e	20.4	1.5*	-

<u>U.S. Mortality^g</u>	Rate 2007-2011 Rate per 100,000 persons	Trend 2002-2011 ^h AAPC (%)
RACE/ETHNICITY	Females	Females
All Races		
White		
White Hispanic ^e		
White Non-Hispanic ^e		
Black		
Asian/Pacific Islander		
Amer Ind/Alaska Nat		
Total U.S.		
CHSDA Counties		
Non-CHSDA Counties		
Hispanic ^e		

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

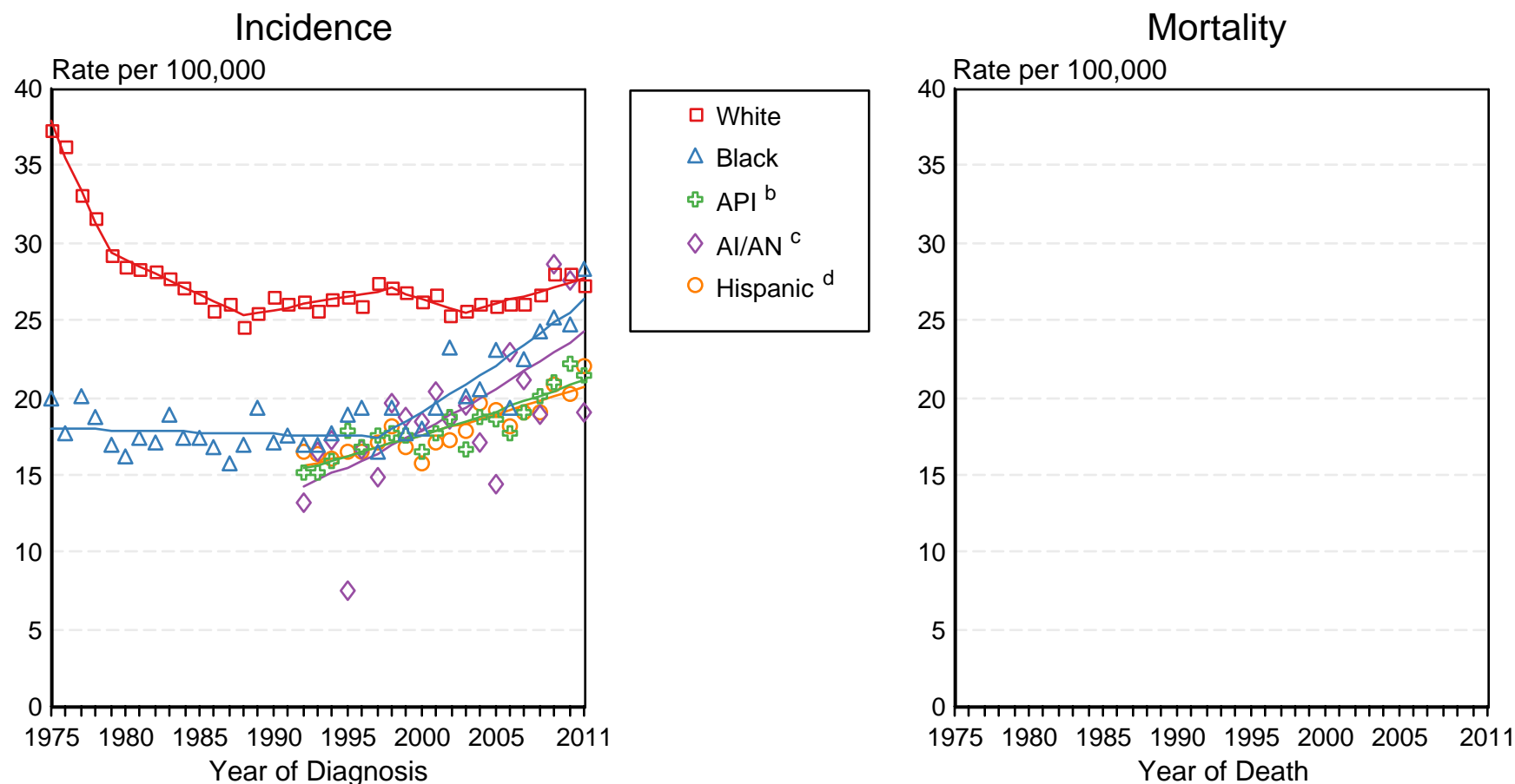
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 7.3

SEER Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 8.15
Cancer of the Esophagus (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	4.4	7.7	1.8	-0.3	-0.1	-1.1*	-1.0*	-0.9	-0.5*
White	4.6	8.0	1.7	0.6*	0.8*	-0.5	-0.1	-0.1	0.0
White Hispanic ^e	3.0	5.5	1.1	-1.1*	-1.2*	-	-	-	-
White Non-Hispanic ^e	4.8	8.4	1.8	-0.2	0.1	-0.3	-	-	-
Black	4.9	7.9	2.6	-4.6*	-4.9*	-4.0*	-4.5*	-4.9*	-2.9*
Asian/Pacific Islander	2.2	3.7	1.0	-1.7*	-2.0*	-	-	-	-
Amer Ind/Alaska Nat ^f	3.2	4.8	1.9	-	-	-	-	-	-
Hispanic ^e	2.9	5.3	1.1	-1.1*	-1.2*	-1.1	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

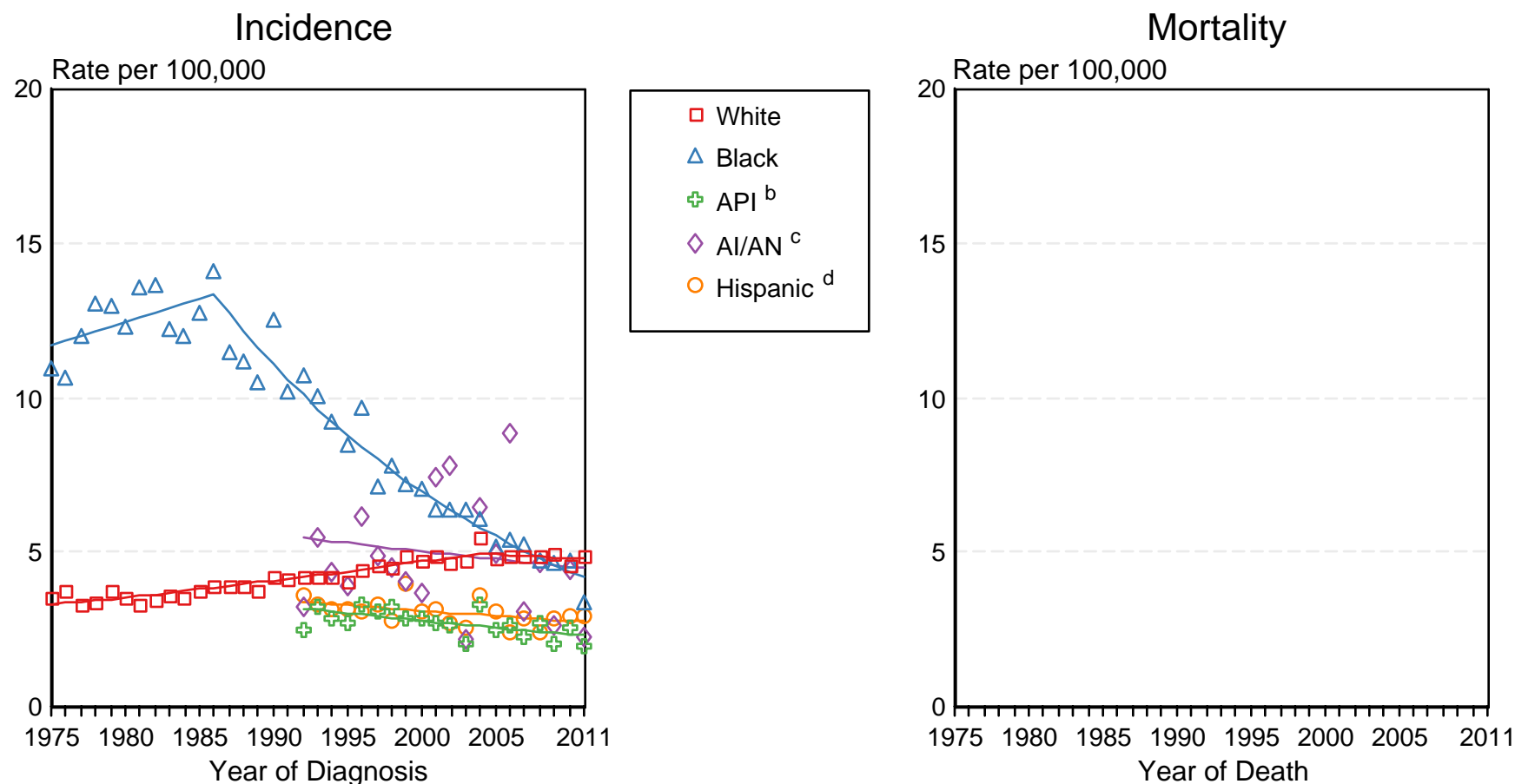
* The APC is significantly different from zero (p<.05).

Figure 8.2

SEER Incidence and US Death Rates^a Cancer of the Esophagus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 9.15
Hodgkin Lymphoma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	2.7	3.1	2.4	-0.4	0.2	0.1	-0.3	0.5	0.3*
White	2.9	3.3	2.6	-0.4	0.1	0.0	-0.4	0.2	0.3*
White Hispanic ^e	2.5	2.8	2.2	0.3	-0.3	1.0	-	-	-
White Non-Hispanic ^e	3.2	3.6	2.9	-0.8	0.4	0.1	-	-	-
Black	2.7	3.1	2.3	1.0*	1.3*	0.5	1.1*	0.6	1.9*
Asian/Pacific Islander	1.3	1.5	1.1	-0.2	1.4	2.9*	-	-	-
Amer Ind/Alaska Nat ^f	1.0	0.9	1.1	-	-	-	-	-	-
Hispanic ^e	2.4	2.7	2.1	0.2	-0.4	0.9	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

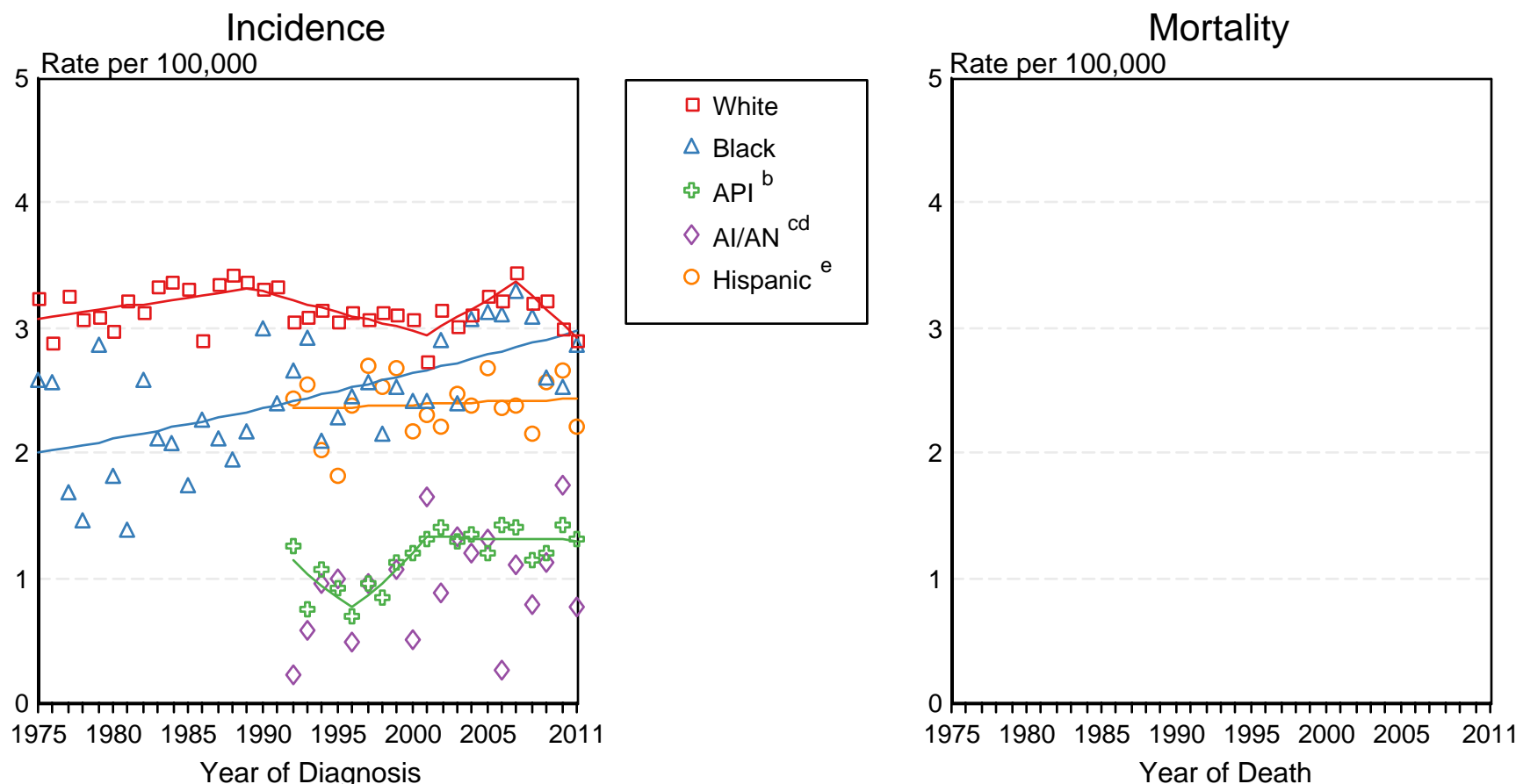
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 9.2

SEER Incidence and US Death Rates^a Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Incidence due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 10.13
Kaposi Sarcoma

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence RACE/ETHNICITY	SEER 18 Areas ^b Rate 2007-2011 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)			SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.5	1.0	0.1	-2.6*	-2.5*	-5.2*	-1.7*	-1.6*	-4.8*
White	0.5	0.9	0.1	-2.9*	-2.9*	-	-2.3*	-2.3*	-5.0*
White Hispanic ^e	0.8	1.3	0.2	-2.7	-3.0	-	-	-	-
White Non-Hispanic ^e	0.4	0.8	0.1	-3.1*	-3.1*	-	-	-	-
Black	1.1	2.1	0.2	-1.8	-1.7	-	0.0	0.1	-
Asian/Pacific Islander	0.2	0.4	-	-	-	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.8	1.3	0.2	-2.9	-3.4*	-	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Table 11.15
Cancer of the Kidney and Renal Pelvis (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	15.5	21.2	10.7	1.7*	1.7*	1.3*	1.6*	1.7	1.3
White	15.9	21.7	11.0	1.6*	1.6*	1.3	1.6*	1.6*	1.2
White Hispanic ^e	16.0	21.3	11.8	1.4	0.8	2.8*	-	-	-
White Non-Hispanic ^e	16.0	21.9	10.9	1.6*	1.6	1.1*	-	-	-
Black	17.9	24.7	12.7	2.6*	2.7*	2.5*	2.8*	2.9*	2.8*
Asian/Pacific Islander	8.1	11.5	5.5	2.6*	2.5*	3.0*	-	-	-
Amer Ind/Alaska Nat ^f	19.4	25.3	14.5	1.8*	1.8*	1.8*	-	-	-
Hispanic ^e	15.4	20.4	11.3	1.4	0.9	2.7*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

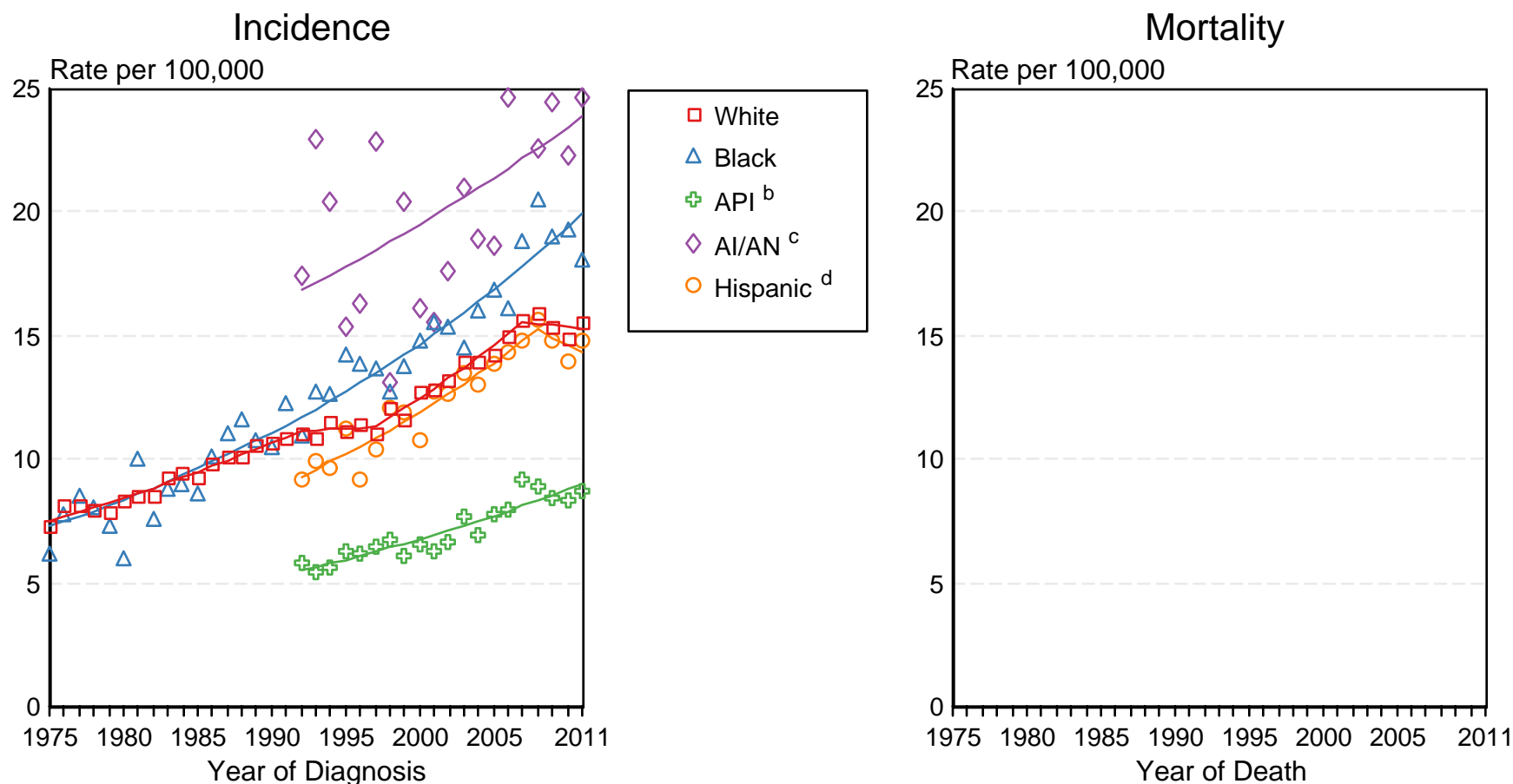
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 11.2

SEER Incidence and US Death Rates^a Cancer of the Kidney and Renal Pelvis, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 12.15
Cancer of the Larynx (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	3.3	5.9	1.2	-2.7*	-2.7*	-3.1*	-2.5*	-2.5*	-2.6*
White	3.4	5.9	1.3	-2.4*	-1.7*	-2.8*	-2.3*	-2.5*	-2.4*
White Hispanic ^e	2.5	5.0	0.6	-1.6*	-1.5*	-	-	-	-
White Non-Hispanic ^e	3.5	6.1	1.4	-2.4*	-2.5*	-2.6*	-	-	-
Black	4.8	9.0	1.7	-3.3*	-3.3*	-3.5*	-3.0*	-2.8*	-3.5*
Asian/Pacific Islander	1.2	2.3	0.3	-2.9*	-2.6*	-	-	-	-
Amer Ind/Alaska Nat ^f	2.4	4.3	-	-	-	-	-	-	-
Hispanic ^e	2.4	4.8	0.5	-1.6*	-1.5*	-	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

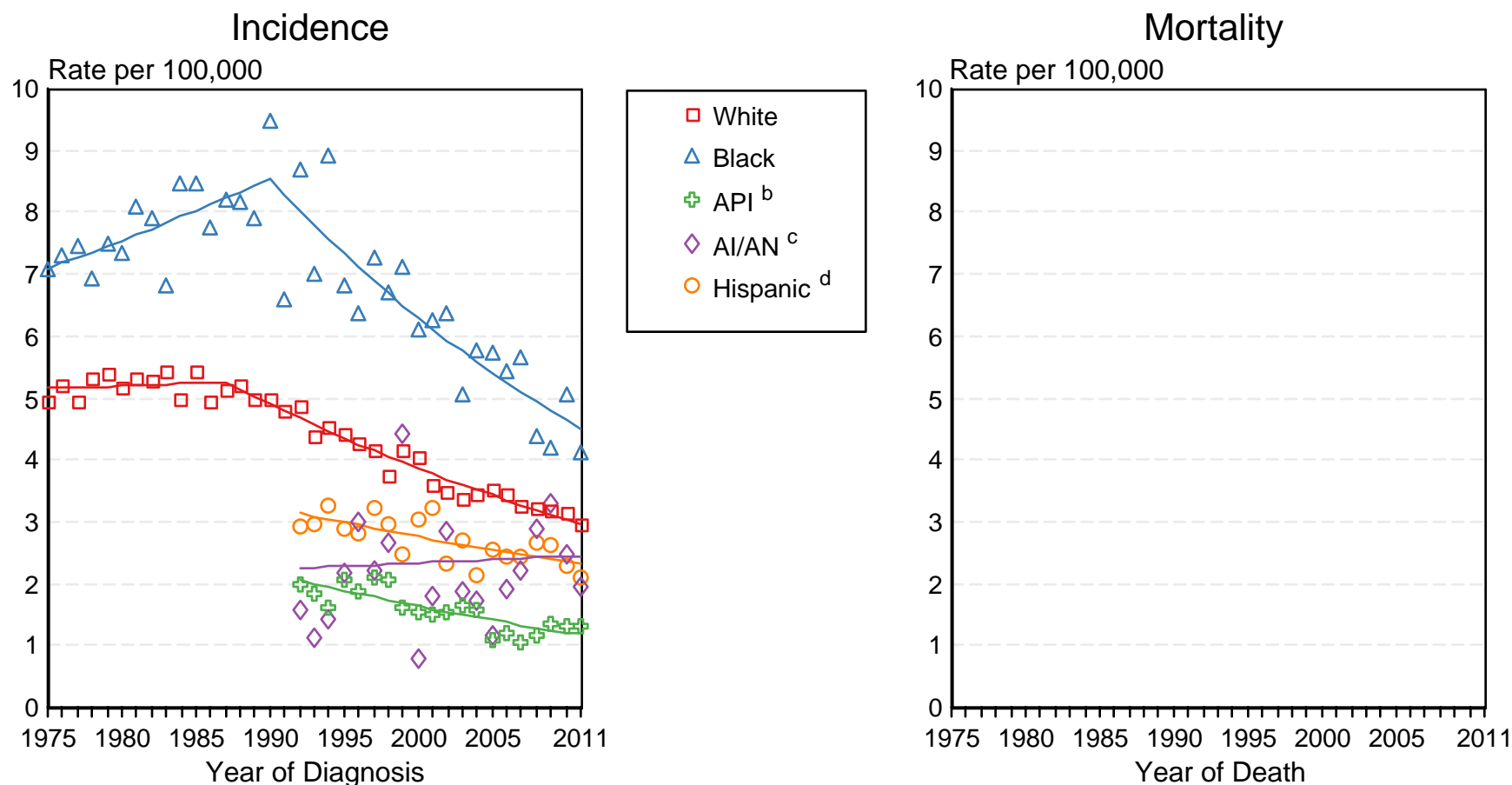
h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 12.2

SEER Incidence and US Death Rates^a Cancer of the Larynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 13.23
Leukemia

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.0	16.7	10.2	0.1	0.0	0.2	0.2*	0.1	0.2*
White	13.7	17.5	10.7	0.2*	0.0	0.3*	0.3*	0.1*	0.3*
White Hispanic ^e	10.8	13.0	9.0	0.4	0.3	0.4	-	-	-
White Non-Hispanic ^e	13.9	17.9	10.8	0.3*	0.1	0.4*	-	-	-
Black	10.0	12.9	8.0	0.0	0.1	-0.1	-0.1	0.0	-0.1
Asian/Pacific Islander	7.6	9.4	6.1	-0.3	-0.2	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	7.3	8.6	6.5	1.2	-	-	-	-	-
Hispanic ^e	10.4	12.5	8.7	0.4	0.3	0.5	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

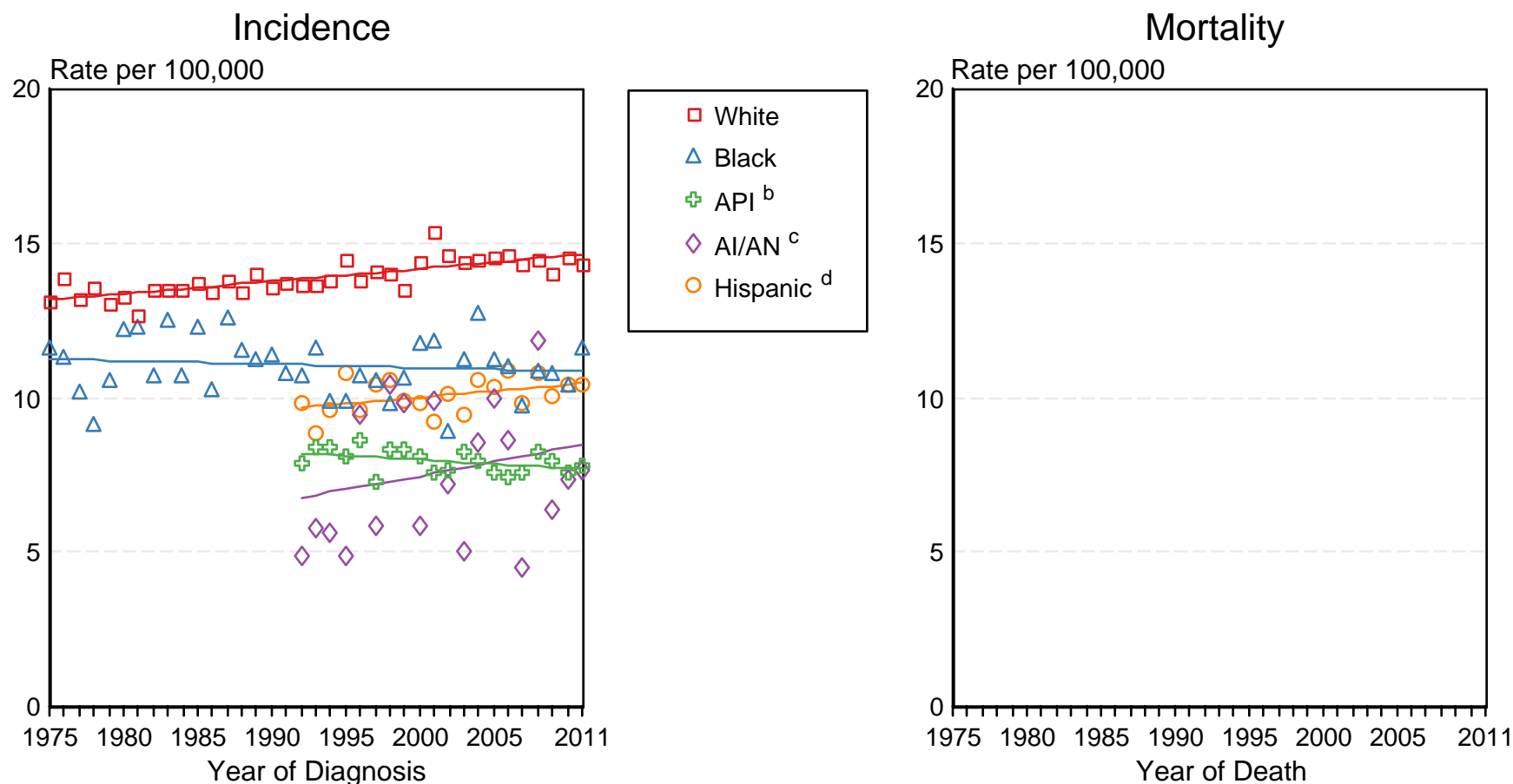
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 13.3

SEER Incidence and US Death Rates^a Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 14.15
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	7.9	12.4	4.1	3.3*	3.7*	2.4*	4.1*	3.7*	2.6*
White	7.0	10.8	3.6	4.4*	3.9*	3.4*	4.6*	4.0*	4.1*
White Hispanic ^e	12.8	19.6	7.1	3.2*	3.2*	2.6*	-	-	-
White Non-Hispanic ^e	6.1	9.5	3.1	4.3*	3.6*	2.6*	-	-	-
Black	9.4	15.6	4.6	3.9*	4.2*	2.7*	3.9*	3.8*	2.8*
Asian/Pacific Islander	14.1	21.6	8.1	0.5*	0.7*	0.3	-	-	-
Amer Ind/Alaska Nat ^f	13.7	20.7	8.0	3.0*	-	-	-	-	-
Hispanic ^e	12.3	18.8	6.8	3.1*	3.2*	2.6*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

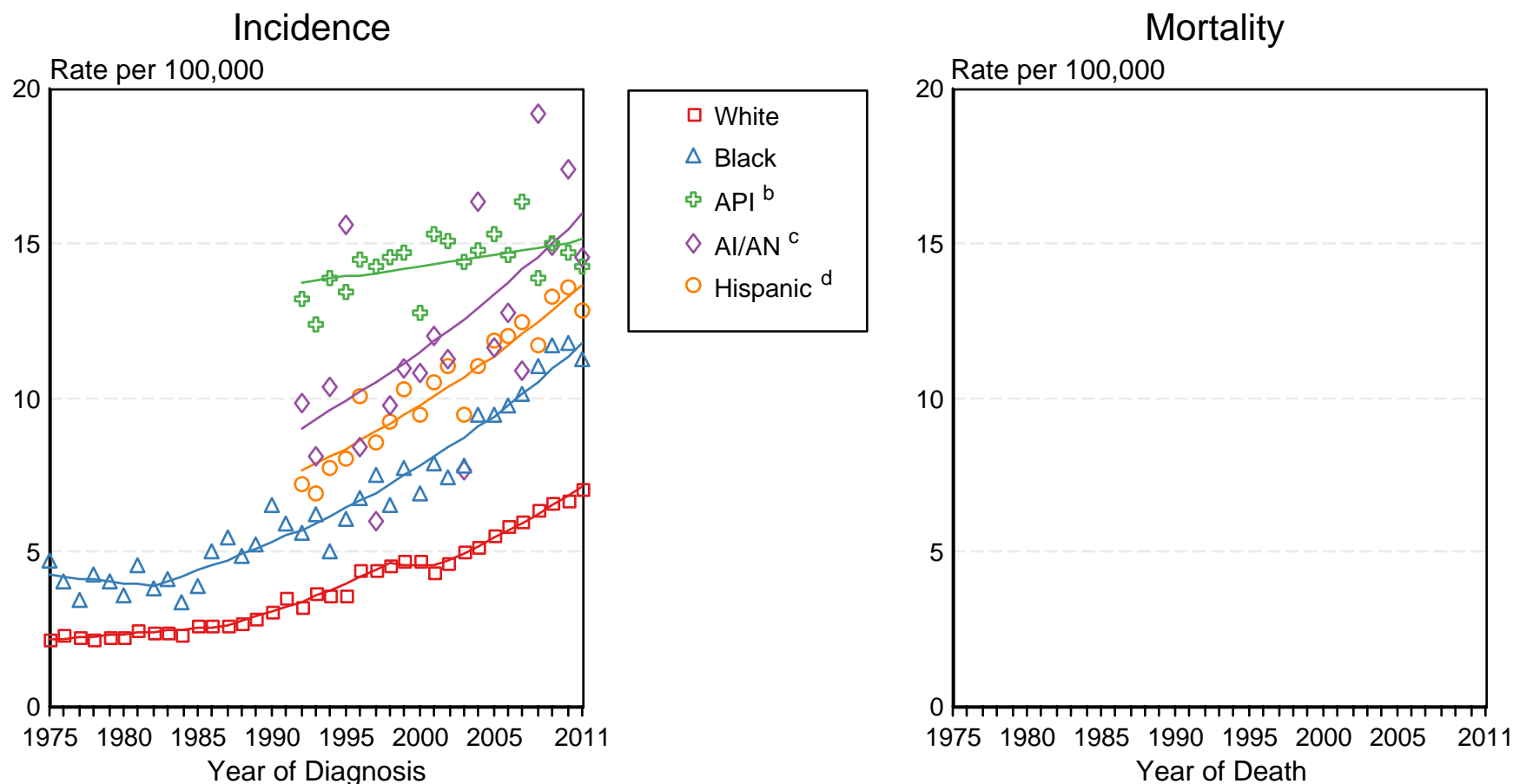
Figure 14.2

SEER Incidence and US Death Rates^a

Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 15.21
Lung and Bronchus (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	60.1	72.2	51.1	-1.9*	-2.6*	-1.1*	-1.5*	-2.3*	-0.8*
White	61.7	72.4	53.8	-1.8*	-2.5*	-1.3*	-1.5*	-2.2*	-0.8*
White Hispanic ^e	32.8	41.5	26.7	-1.3*	-2.0*	-0.4*	-	-	-
White Non-Hispanic ^e	66.1	76.9	58.0	-1.6*	-2.3*	-1.1*	-	-	-
Black	68.0	93.0	51.2	-2.6*	-2.6*	-1.2*	-2.4*	-2.8*	0.1
Asian/Pacific Islander	37.0	49.4	28.1	-1.2*	-2.3*	0.3	-	-	-
Amer Ind/Alaska Nat ^f	40.9	49.5	34.7	-0.5	-1.3*	0.8	-	-	-
Hispanic ^e	32.0	40.4	26.1	-1.2*	-2.0*	-0.4*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

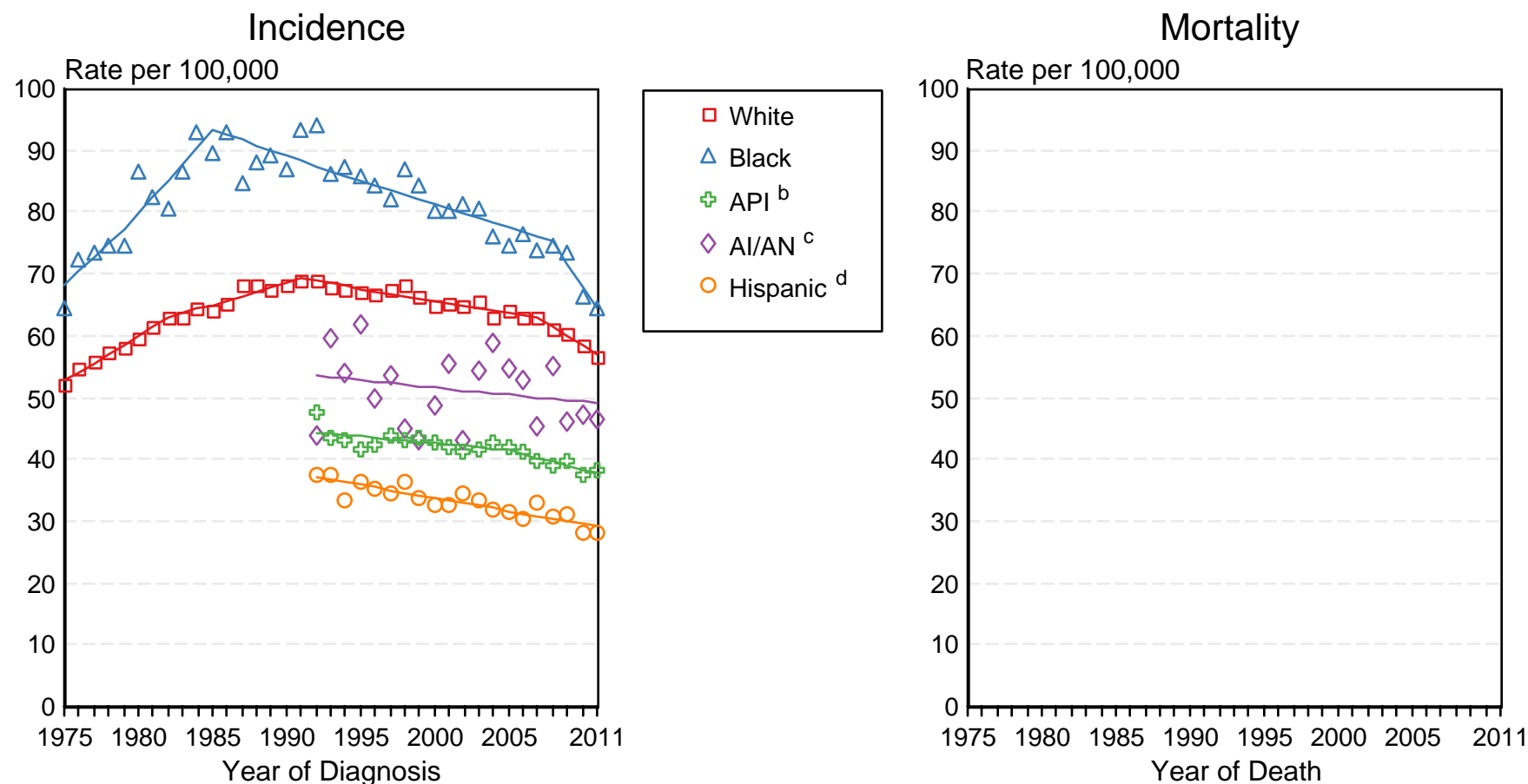
^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 15.4

SEER Incidence and US Death Rates^a Cancer of the Lung and Bronchus, Both Sexes Joinpoint Analyses for Whites and Blacks from 1975-2011 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 16.15
Melanoma of the Skin (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	21.3	27.7	16.7	1.8*	1.4*	1.4*	1.8*	1.9*	1.6*
White	25.2	32.3	20.0	1.4*	1.5*	1.3*	1.9*	2.0*	1.7*
White Hispanic ^e	4.7	4.9	4.7	0.8	1.5*	0.4	-	-	-
White Non-Hispanic ^e	29.5	37.3	23.9	1.9*	1.9*	1.8*	-	-	-
Black	1.0	1.0	1.0	1.9	-	-	0.0	0.0	-0.1
Asian/Pacific Islander	1.3	1.5	1.2	0.7	1.4	0.1	-	-	-
Amer Ind/Alaska Nat ^f	4.0	4.1	4.0	-	-	-	-	-	-
Hispanic ^e	4.6	4.8	4.6	0.6	1.2*	0.3	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

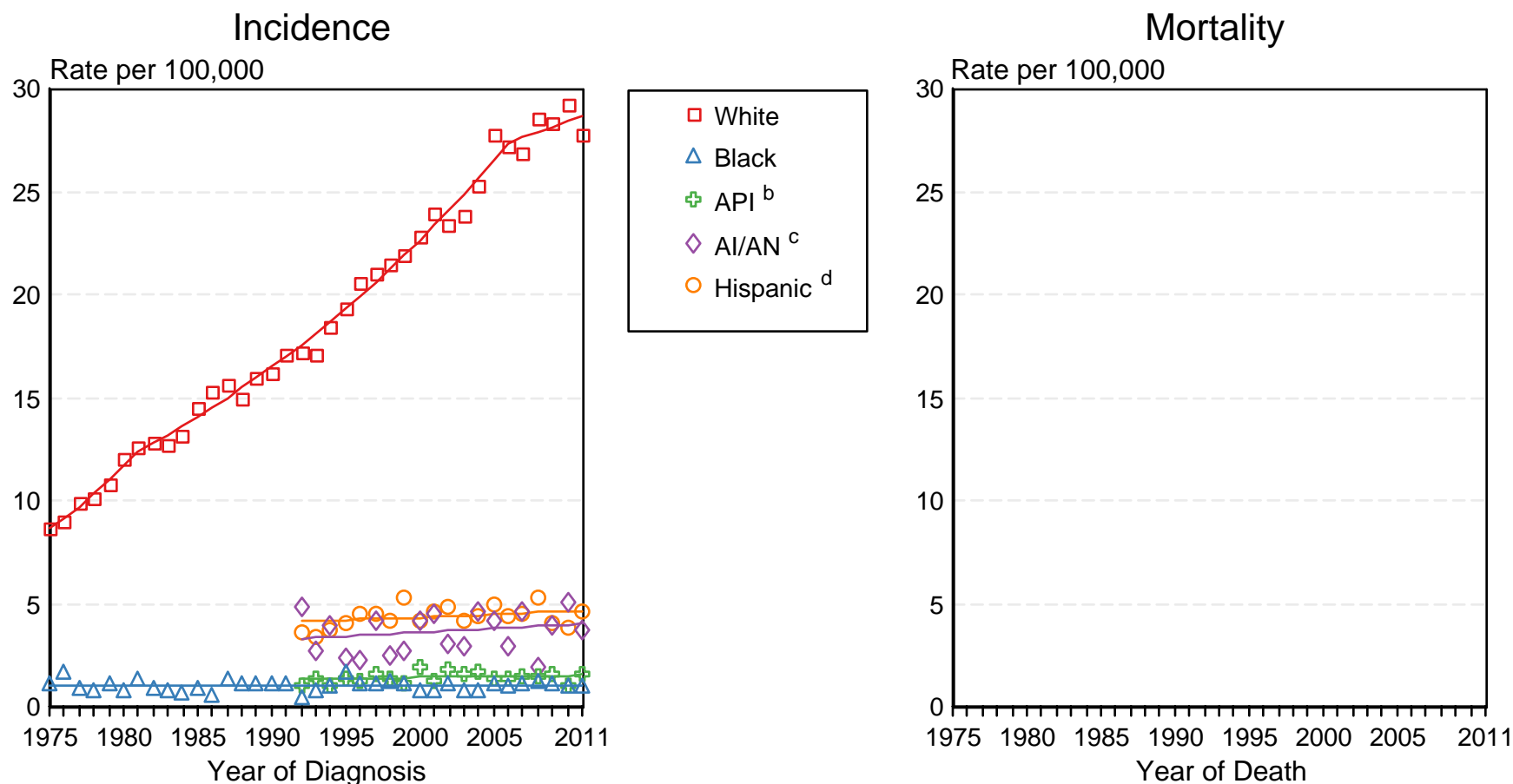
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 16.2

SEER Incidence and US Death Rates^a Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 17.11
Mesothelioma

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence RACE/ETHNICITY	SEER 18 Areas ^b Rate 2007-2011 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)			SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	1.0	1.9	0.4	-1.0*	-1.4*	-0.1	-1.0*	-1.5*	-0.1
White	1.1	2.1	0.5	-0.6*	-1.1*	0.2	-0.6*	-1.2*	0.7*
White Hispanic ^e	0.9	1.7	0.4	-0.7	-1.7*	-	-	-	-
White Non-Hispanic ^e	1.2	2.1	0.5	-0.6*	-1.0*	0.2	-	-	-
Black	0.5	1.0	0.2	-	-	-	-5.0*	-6.5*	-
Asian/Pacific Islander	0.3	0.6	0.2	-	-	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.9	1.6	0.4	-0.7	-1.7*	-	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC is significantly different from zero (p<.05).

Table 18.15
Myeloma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.1	7.7	4.9	0.5*	0.6*	0.3	0.7*	0.8*	0.6*
White	5.6	7.2	4.3	0.5*	0.6*	0.2	0.7*	0.8*	0.5*
White Hispanic ^e	5.8	7.2	4.8	0.0	0.0	-0.1	-	-	-
White Non-Hispanic ^e	5.6	7.2	4.2	0.5*	0.6*	0.2	-	-	-
Black	12.2	14.8	10.5	0.6*	0.8*	0.3	0.7*	0.7*	0.9*
Asian/Pacific Islander	3.7	4.5	3.0	0.6	0.5	0.8	-	-	-
Amer Ind/Alaska Nat ^f	3.8	4.3	3.5	-	-	-	-	-	-
Hispanic ^e	5.7	7.0	4.8	0.0	0.1	-0.1	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

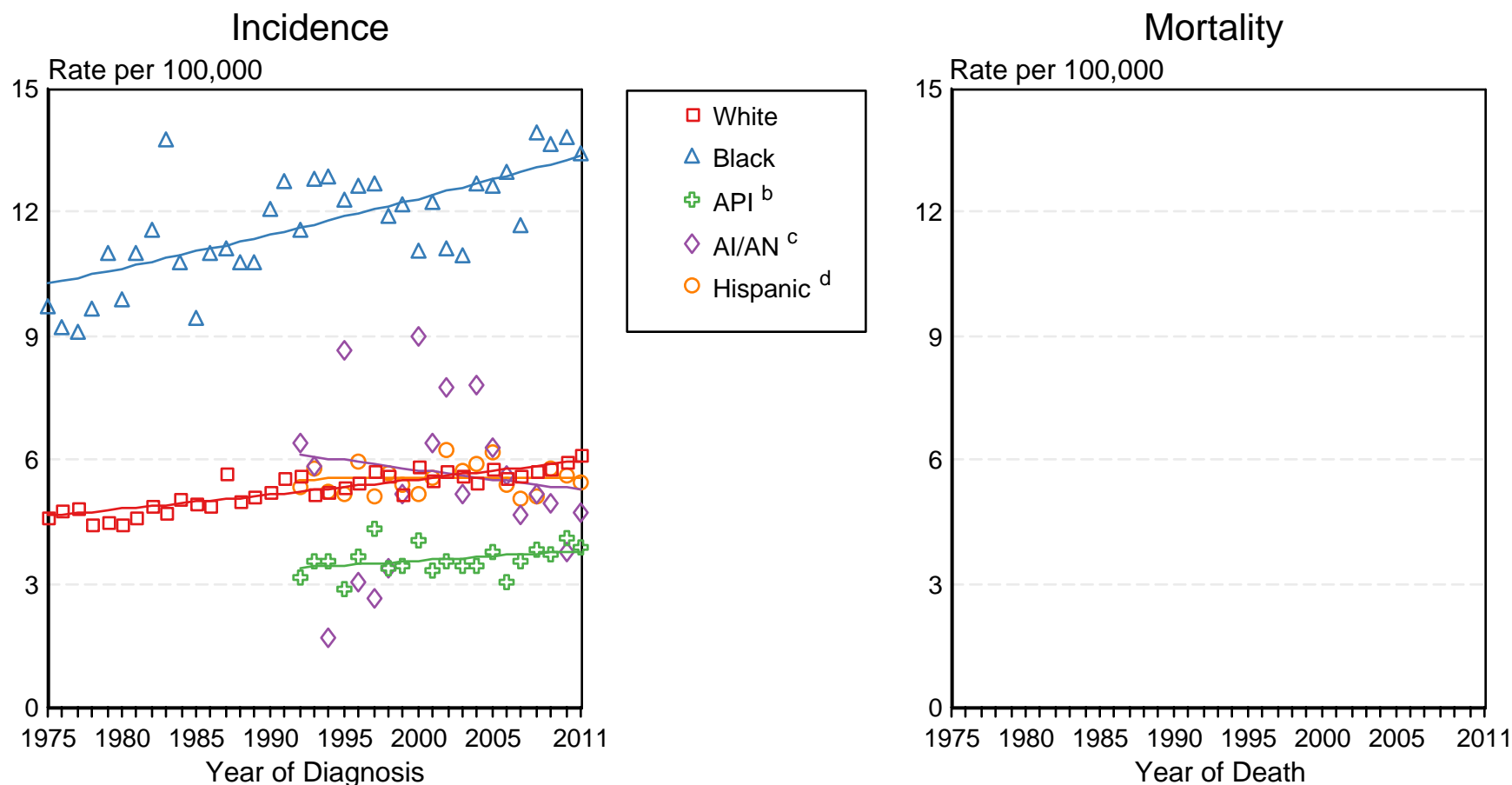
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 18.2

SEER Incidence and US Death Rates^a Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 19.19
Non-Hodgkin Lymphoma

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.7	23.9	16.3	0.3*	0.2	-0.3	0.5*	0.3*	-0.4
White	20.6	24.9	17.2	-0.3	-0.1	-0.3	-0.3	0.4*	-0.5
White Hispanic ^e	18.6	21.6	16.2	0.5*	0.3	0.9*	-	-	-
White Non-Hispanic ^e	21.0	25.5	17.4	-0.4	-0.2	-0.4	-	-	-
Black	14.3	17.4	11.9	0.5*	-0.2	0.3	0.3	-0.4	-0.5
Asian/Pacific Islander	13.4	16.3	11.2	0.3	0.2	0.4	-	-	-
Amer Ind/Alaska Nat ^f	12.2	14.1	10.6	2.4*	-	-	-	-	-
Hispanic ^e	18.0	20.8	15.6	0.5*	0.3	0.9*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

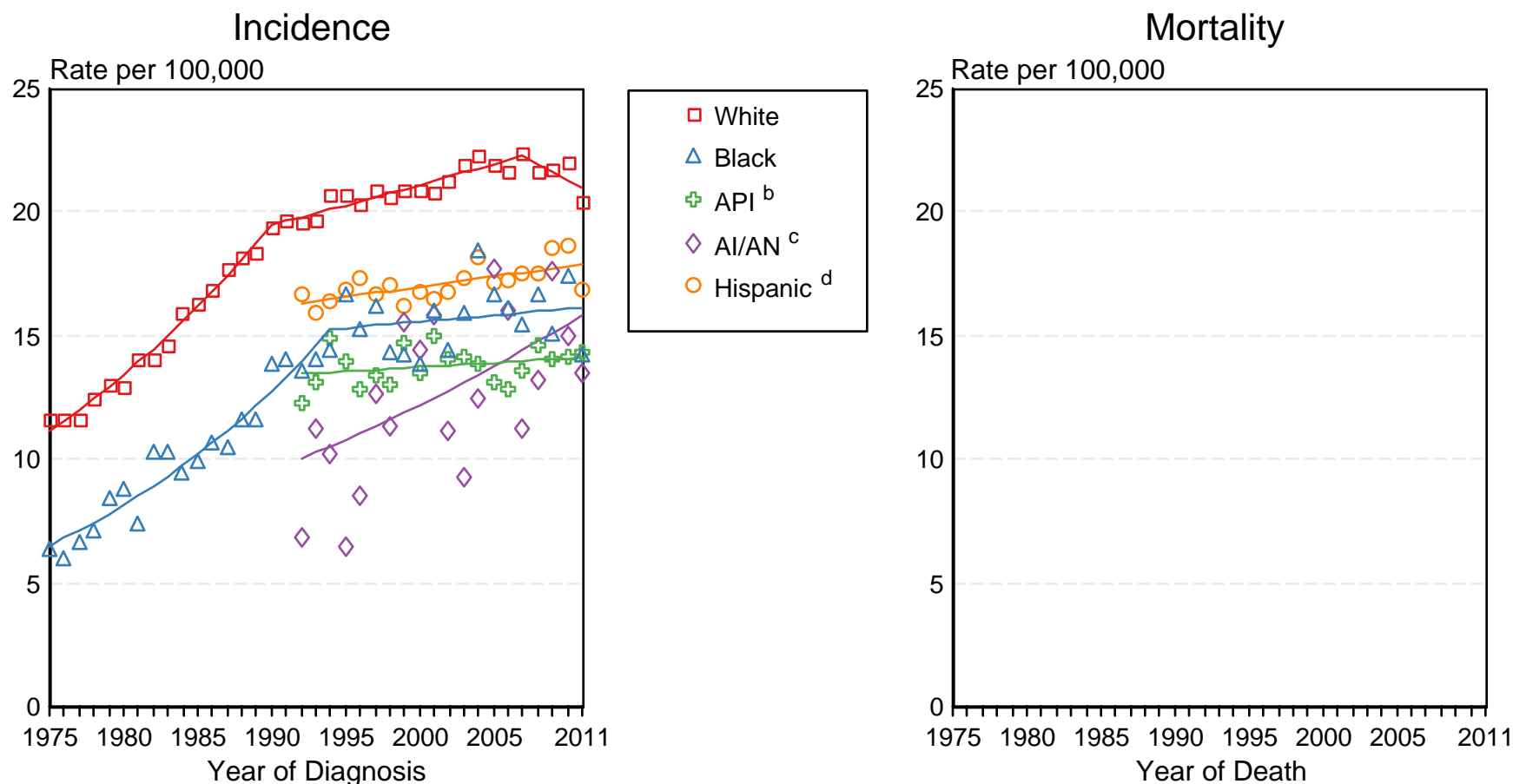
The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

The APC is significantly different from zero (p<.05).

Figure 19.2

SEER Incidence and US Death Rates^a Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 20.19
Cancer of the Oral Cavity and Pharynx (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	11.0	16.5	6.2	0.2	0.4	-0.8*	0.3	0.3	-0.8*
White	11.4	17.0	6.4	0.7*	0.7*	-0.8*	0.7	0.7	-0.7*
White Hispanic ^e	7.0	10.2	4.3	1.3	-0.7	-0.4	-	-	-
White Non-Hispanic ^e	12.2	18.3	6.8	0.8*	0.9*	-0.6*	-	-	-
Black	9.4	14.7	5.3	-2.6*	-3.1*	-1.5*	-2.6*	-3.2*	-1.5*
Asian/Pacific Islander	7.5	10.9	4.7	-1.1*	-1.1*	-1.1*	-	-	-
Amer Ind/Alaska Nat ^f	8.1	12.5	4.4	-1.6	-	-	-	-	-
Hispanic ^e	6.7	9.9	4.2	1.0	-0.7	-0.6	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

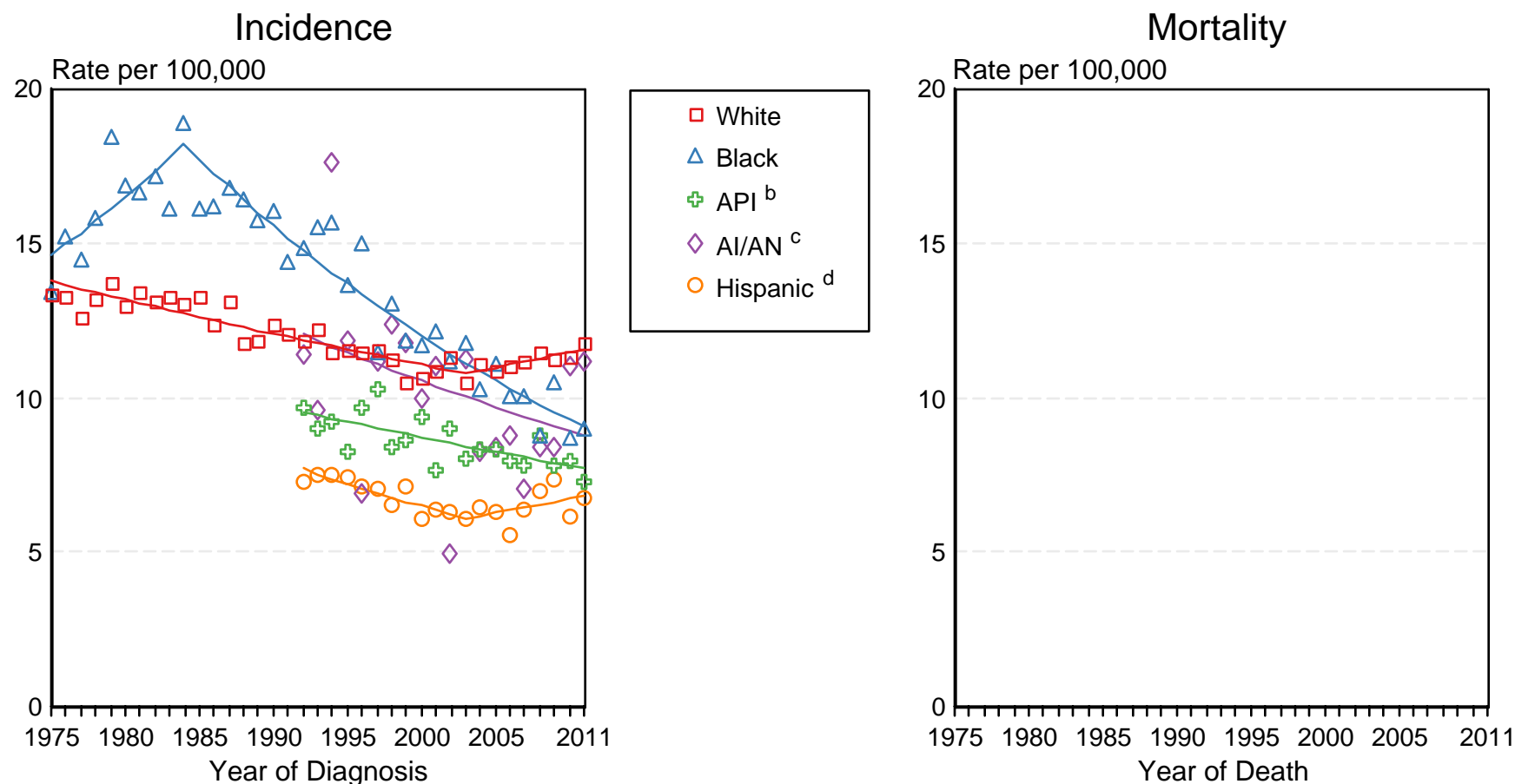
* The APC is significantly different from zero (p<.05).

Figure 20.2

SEER Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

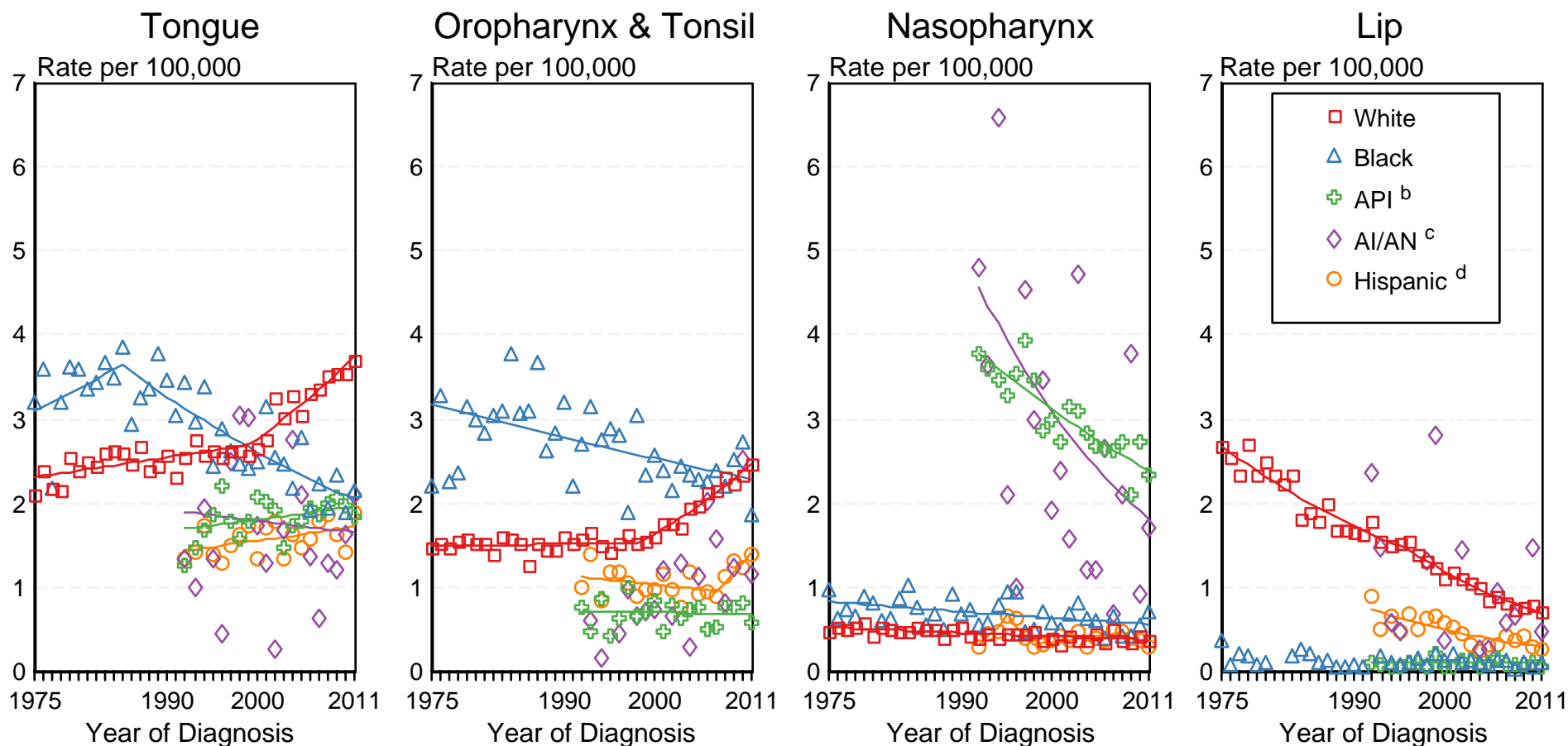
Figure 20.3

SEER Incidence Rates^a

Cancer of the Oral Cavity and Pharyngeal for Selected Subsites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints. Regression lines could not be calculated for data series that had at least one diagnosis year with a 0 case count.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Table 21.11
Cancer of the Ovary (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2007-2011	Trend 2002-2011 ^c	Trend 2002-2011 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	12.3	-1.0*	-1.1*
White	13.0	-1.0*	-1.0*
White Hispanic ^e	11.6	-0.4	-
White Non-Hispanic ^e	13.2	-1.0*	-
Black	9.8	-0.5	-0.5*
Asian/Pacific Islander	9.3	-0.5	-
Amer Ind/Alaska Nat ^f	9.8	-	-
Hispanic ^e	11.1	-0.5	-

U.S. Mortality ^g	Rate 2007-2011	Trend 2002-2011 ^h
	Rate per 100,000 persons	AAPC (%)
	Females	Females
RACE/ETHNICITY		
All Races		
White		
White Hispanic ^e		
White Non-Hispanic ^e		
Black		
Asian/Pacific Islander		
Amer Ind/Alaska Nat		
Total U.S.		
CHSDA Counties		
Non-CHSDA Counties		
Hispanic ^e		

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

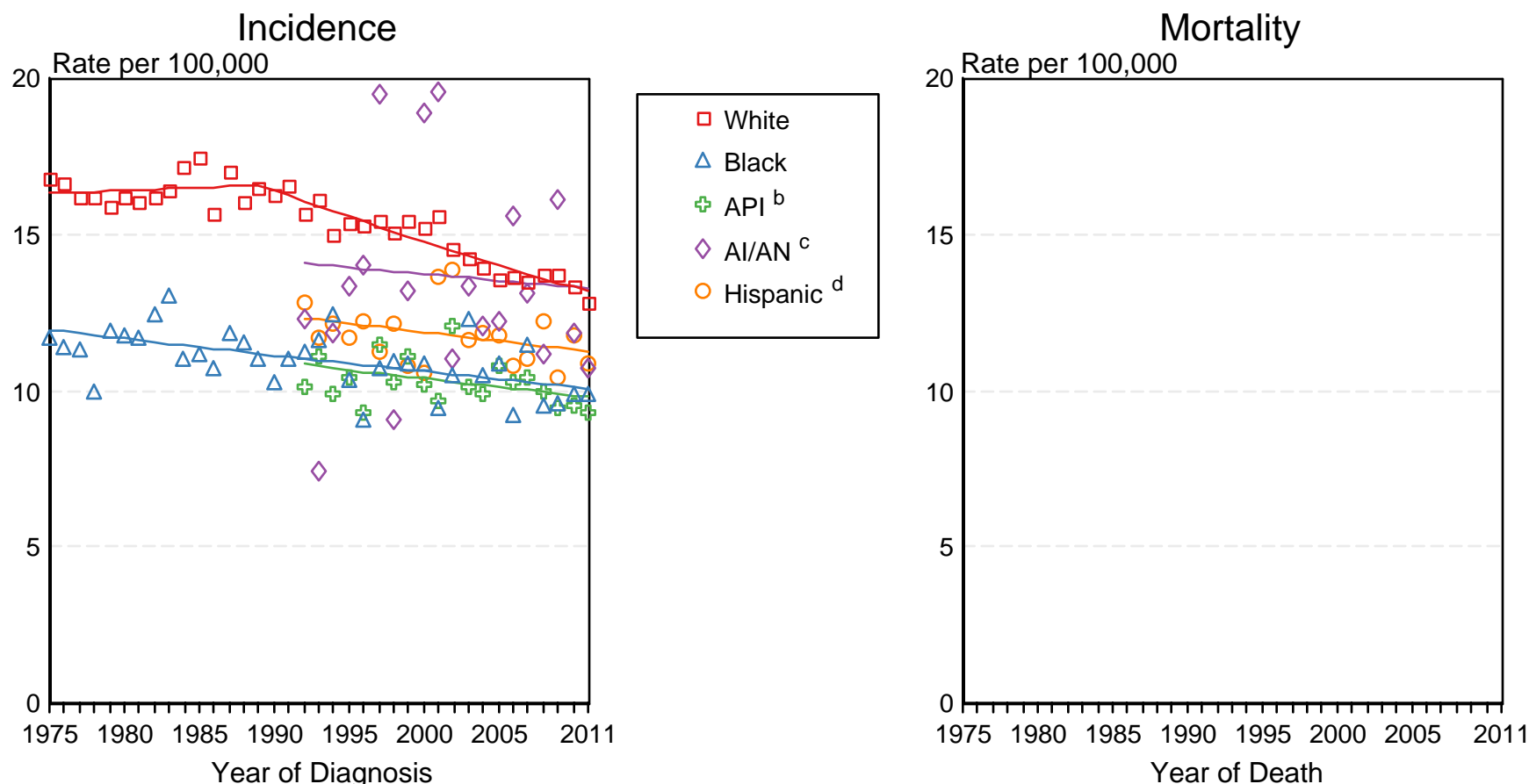
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 21.3

SEER Incidence and US Death Rates^a Cancer of the Ovary

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 22.15
Cancer of the Pancreas (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2007-2011			SEER 13 Areas ^b Trend 2002-2011 ^c AAPC (%)			SEER 9 Areas ^b Trend 2002-2011 ^d AAPC (%)		
	Rate per 100,000 persons								
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.3	14.0	10.9	0.6	1.0	0.4	0.7	0.9	0.6
White	12.2	14.0	10.7	0.6	0.8*	0.4	0.5	0.7	0.5
White Hispanic ^e	11.6	12.7	10.6	0.7*	1.1*	0.2	-	-	-
White Non-Hispanic ^e	12.3	14.2	10.8	0.6	0.8*	0.5	-	-	-
Black	15.6	17.2	14.2	0.6	-0.3	-0.2	-0.1	-0.4*	0.1
Asian/Pacific Islander	9.7	10.7	8.9	0.7*	0.1	1.2*	-	-	-
Amer Ind/Alaska Nat ^f	10.7	12.6	9.1	-	-	-	-	-	-
Hispanic ^e	11.2	12.3	10.3	0.6*	1.1*	0.2	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h AAPC (%)		
	Rate per 100,000 persons					
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

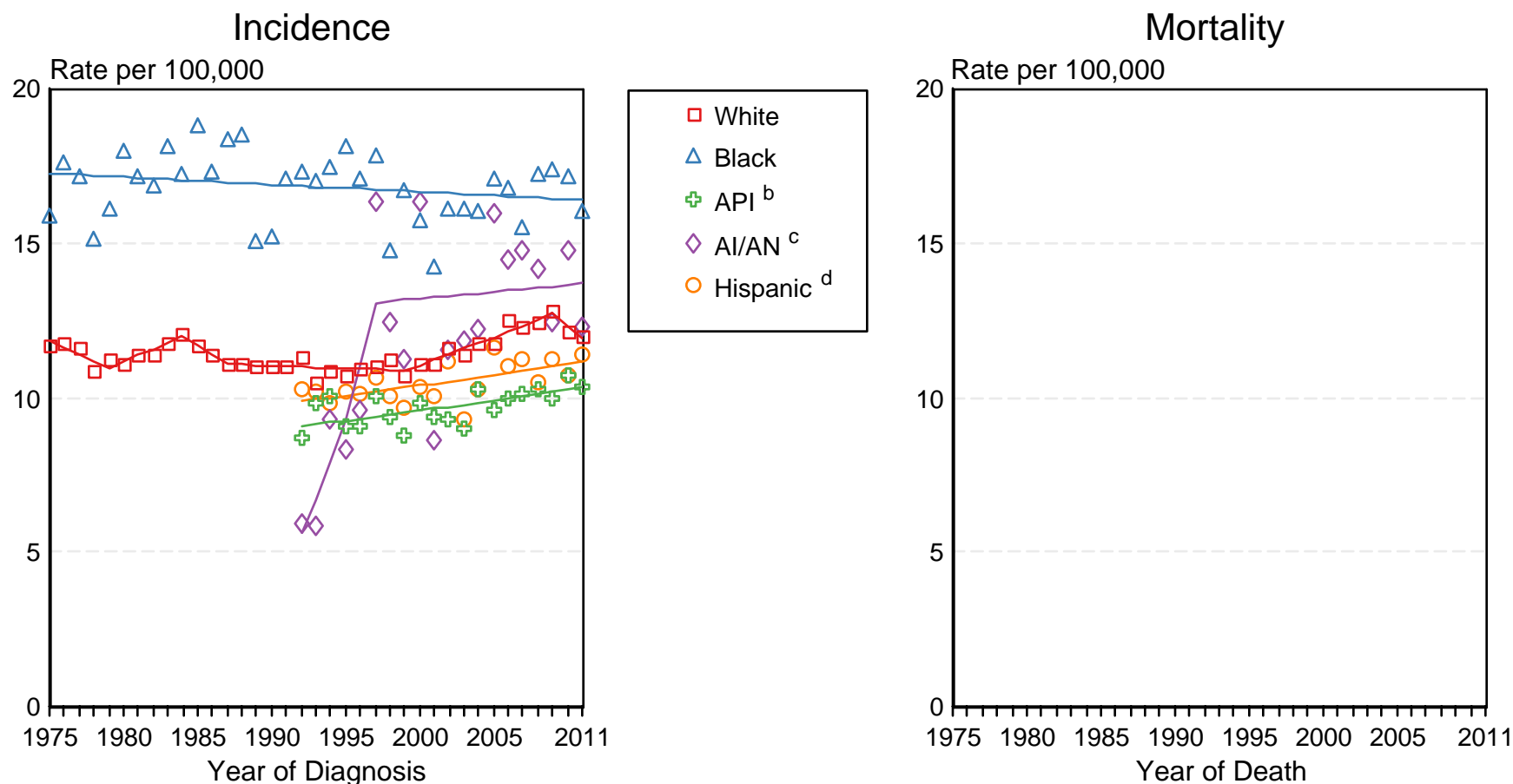
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 22.2

SEER Incidence and US Death Rates^a Cancer of the Pancreas, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 23.11
Cancer of the Prostate (Invasive)
SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2007-2011	Trend 2002-2011 ^c	Trend 2002-2011 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	147.8	-2.5*	-2.4*
White	139.9	-2.7*	-2.7*
White Hispanic ^e	120.7	-3.4*	-
White Non-Hispanic ^e	143.2	-2.5*	-
Black	223.9	-2.0*	-2.6*
Asian/Pacific Islander	79.3	-3.6*	-
Amer Ind/Alaska Nat ^f	71.5	-1.9*	-
Hispanic ^e	122.6	-3.4*	-

U.S. Mortality ^g	Rate 2007-2011	Trend 2002-2011 ^h
	Rate per 100,000 persons	AAPC (%)
	Males	Males
RACE/ETHNICITY		
All Races		
White		
White Hispanic ^e		
White Non-Hispanic ^e		
Black		
Asian/Pacific Islander		
Amer Ind/Alaska Nat		
Total U.S.		
CHSDA Counties		
Non-CHSDA Counties		
Hispanic ^e		

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

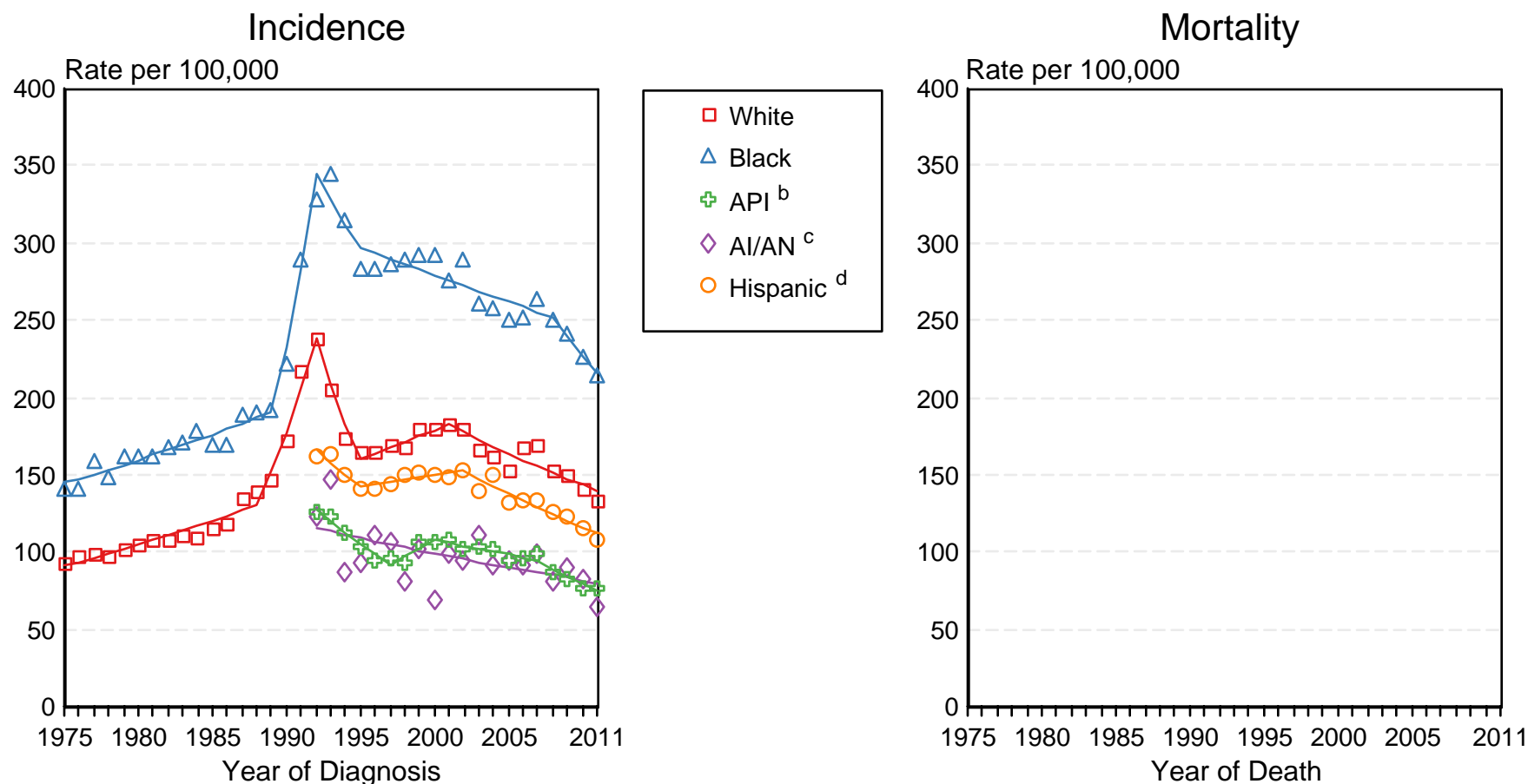
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 23.3

SEER Incidence and US Death Rates^a Cancer of the Prostate

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 24.15
Cancer of the Stomach (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	7.5	10.3	5.3	-1.2*	-1.7*	-0.8*	-1.5*	-1.8*	-1.0*
White	6.6	9.2	4.5	-1.1*	-1.6*	-0.8*	-0.9*	-1.8*	-1.1*
White Hispanic ^e	11.6	15.5	8.7	-1.3*	-1.6*	-1.1*	-	-	-
White Non-Hispanic ^e	5.8	8.3	3.7	-1.6*	-1.9*	-1.5*	-	-	-
Black	11.2	15.3	8.5	-1.7*	-2.2*	-0.9*	-1.4*	-2.1*	-0.8*
Asian/Pacific Islander	11.5	14.9	9.0	-3.1*	-3.1*	-2.8*	-	-	-
Amer Ind/Alaska Nat ^f	9.6	12.9	7.3	-0.7	-0.7	-	-	-	-
Hispanic ^e	11.2	14.9	8.4	-1.4*	-1.7*	-1.1*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

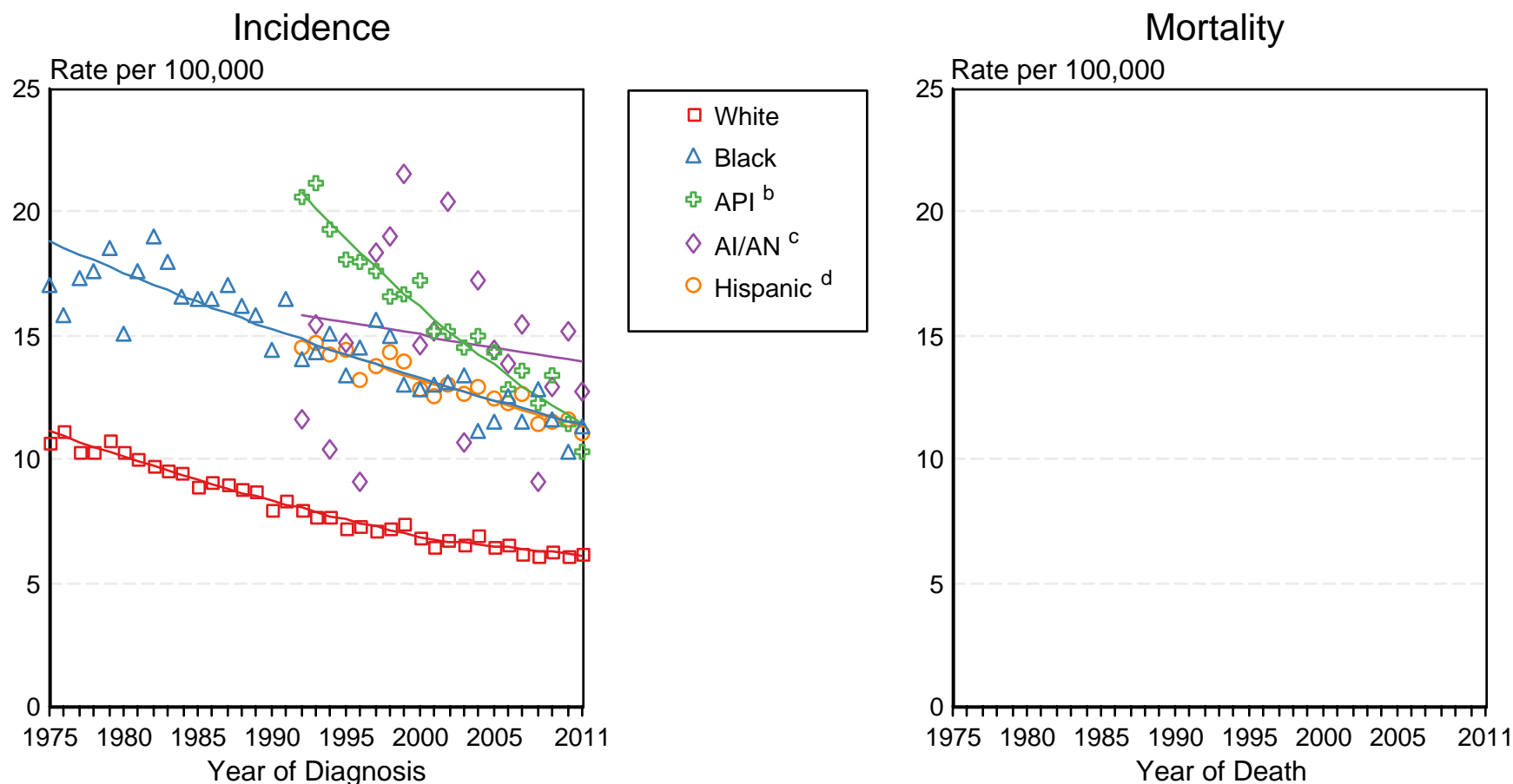
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 24.2

SEER Incidence and US Death Rates^a Cancer of the Stomach, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 25.11
Cancer of the Testis (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2007-2011	Trend 2002-2011 ^c	Trend 2002-2011 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
	Males	Males	Males
RACE/ETHNICITY			
All Races	5.6	1.1*	0.8*
White	6.6	0.3	1.0*
White Hispanic ^e	5.1	2.8	-
White Non-Hispanic ^e	7.2	0.1	-
Black	1.4	0.7	2.1*
Asian/Pacific Islander	1.9	1.0*	-
Amer Ind/Alaska Nat ^f	4.5	-	-
Hispanic ^e	4.8	2.4	-

U.S. Mortality ^g	Rate 2007-2011	Trend 2002-2011 ^h
	Rate per 100,000 persons	AAPC (%)
	Males	Males
RACE/ETHNICITY		
All Races		
White		
White Hispanic ^e		
White Non-Hispanic ^e		
Black		
Asian/Pacific Islander		
Amer Ind/Alaska Nat		
Total U.S.		
CHSDA Counties		
Non-CHSDA Counties		
Hispanic ^e		

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

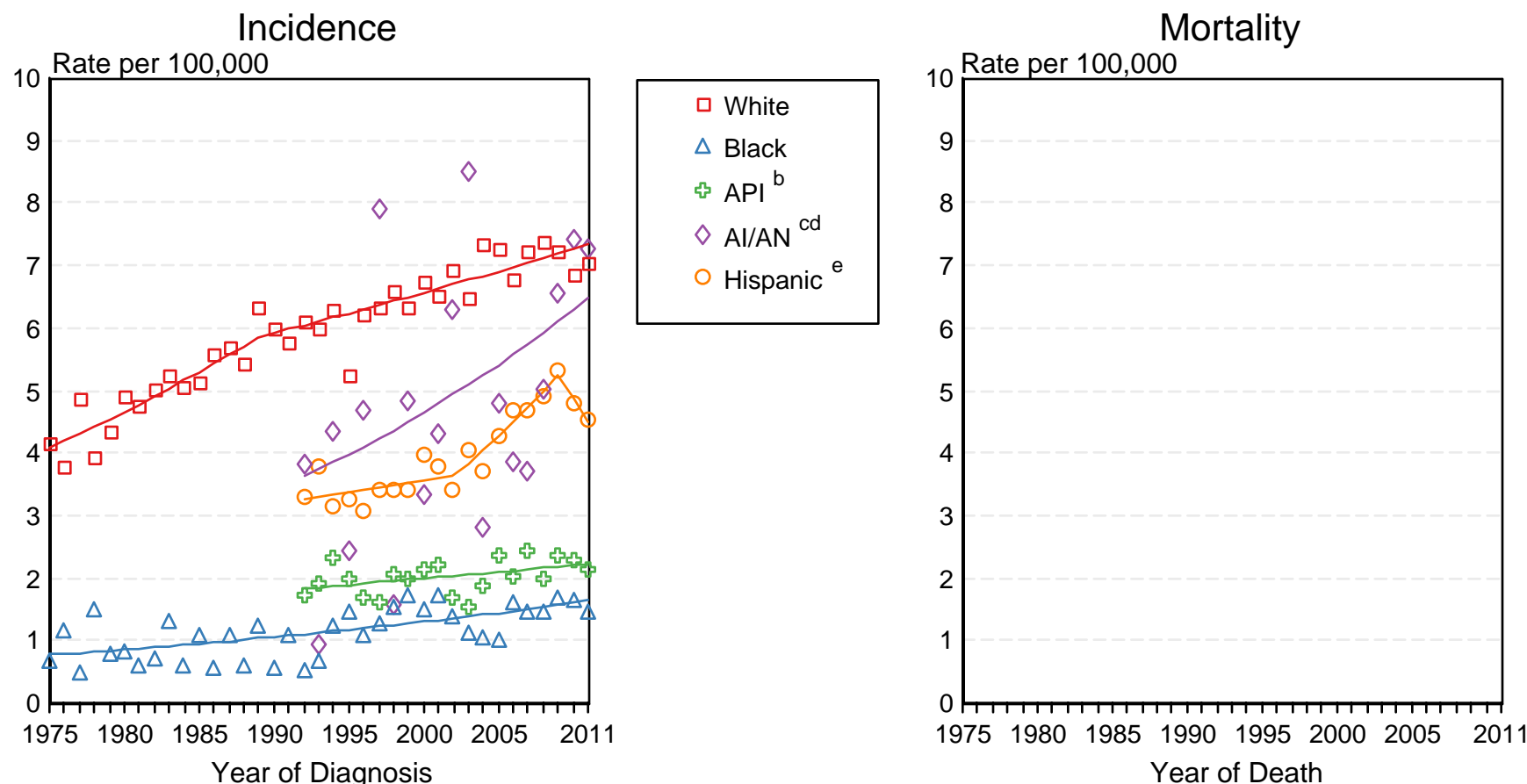
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 25.3

SEER Incidence and US Death Rates^a Cancer of the Testis

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 26.15
Cancer of the Thyroid (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.9	6.4	19.1	5.5*	5.2*	5.7*	5.5*	5.4*	5.7*
White	13.7	6.9	20.4	5.4*	5.3*	5.6*	5.5*	5.5*	5.7*
White Hispanic ^e	11.6	4.9	18.1	5.1*	3.9*	5.5*	-	-	-
White Non-Hispanic ^e	14.4	7.5	21.4	5.6*	5.8*	5.9*	-	-	-
Black	7.6	3.3	11.3	6.7*	5.1*	7.5*	6.2*	3.0*	6.0*
Asian/Pacific Islander	12.5	5.7	18.5	5.1*	5.6*	4.9*	-	-	-
Amer Ind/Alaska Nat ^f	7.7	3.4	11.8	3.6*	-	-	-	-	-
Hispanic ^e	11.0	4.7	17.2	5.0*	4.7*	5.3*	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

^d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

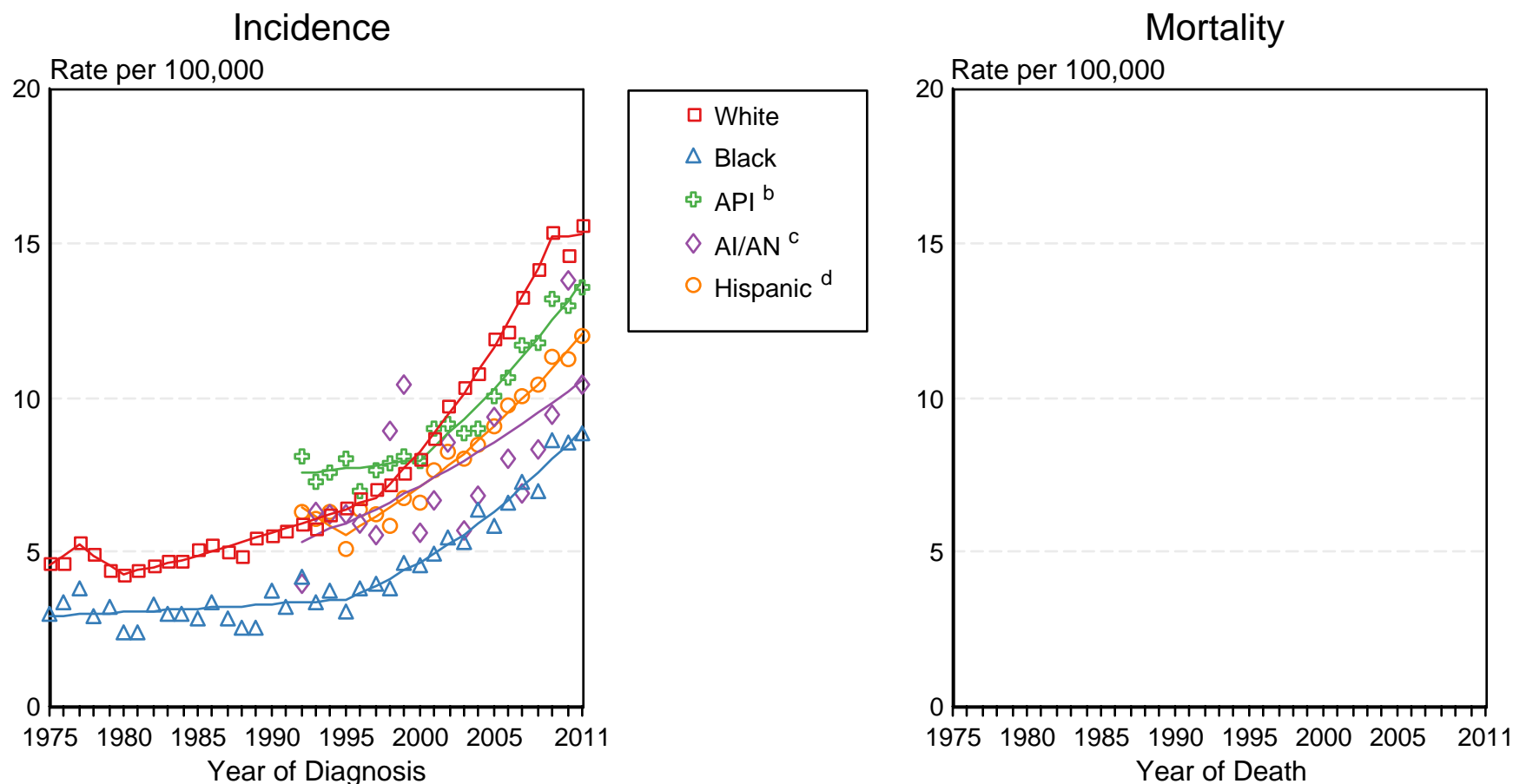
^h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).

Figure 26.2

SEER Incidence and US Death Rates^a Cancer of the Thyroid, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 27.15
Cancer of the Urinary Bladder

SEER Incidence (Invasive and *In Situ*) and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	20.5	36.2	8.8	-0.7*	-0.8*	-1.1*	-0.6*	-0.7	-1.1*
White	22.4	39.4	9.5	-0.5*	-0.7*	-1.0*	-0.5	-0.6	-1.1*
White Hispanic ^e	12.0	21.0	5.4	-0.2	-0.2	-0.4	-	-	-
White Non-Hispanic ^e	23.9	41.9	10.1	-0.4	-0.6	-0.8*	-	-	-
Black	12.6	21.3	6.9	0.2	0.4	-0.2	0.2	0.3*	0.1
Asian/Pacific Islander	8.8	15.5	3.9	-1.2	-1.7	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.1	15.4	2.6	-	-	-	-	-	-
Hispanic ^e	11.7	20.6	5.3	-0.2	-0.2	-0.3	-	-	-

U.S. Mortality ^g	Rate 2007-2011			Trend 2002-2011 ^h		
	Rate per 100,000 persons			AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races						
White						
White Hispanic ^e						
White Non-Hispanic ^e						
Black						
Asian/Pacific Islander						
Amer Ind/Alaska Nat						
Total U.S.						
CHSDA Counties						
Non-CHSDA Counties						
Hispanic ^e						

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2007-2011 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

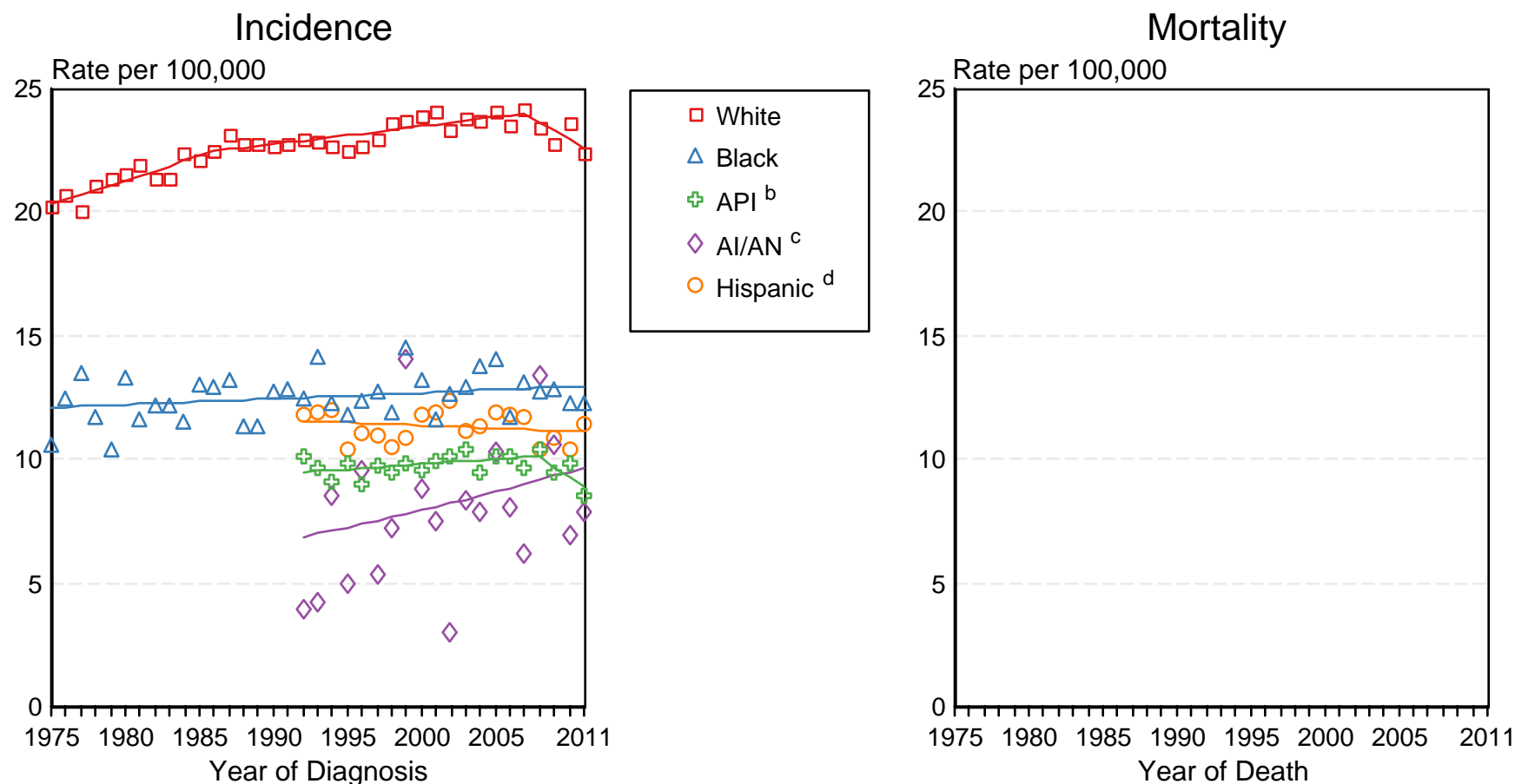
The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

The APC is significantly different from zero (p<.05).

Figure 27.2

SEER Incidence and US Death Rates^a Cancer of the Urinary Bladder, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

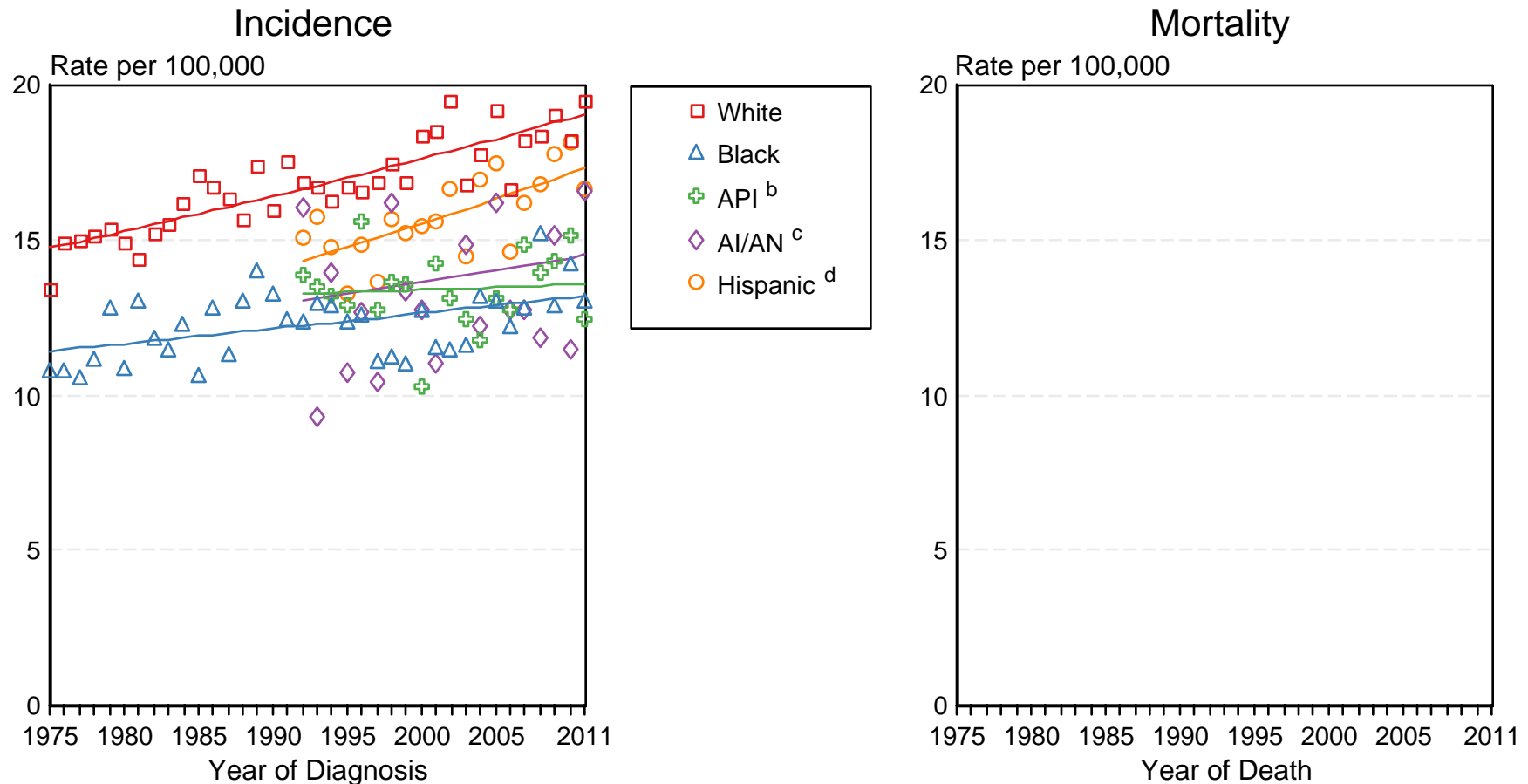
^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Figure 28.3

SEER Incidence and US Death Rates^a All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2011

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2011



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2011 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2011 allow a maximum of 3 joinpoints.

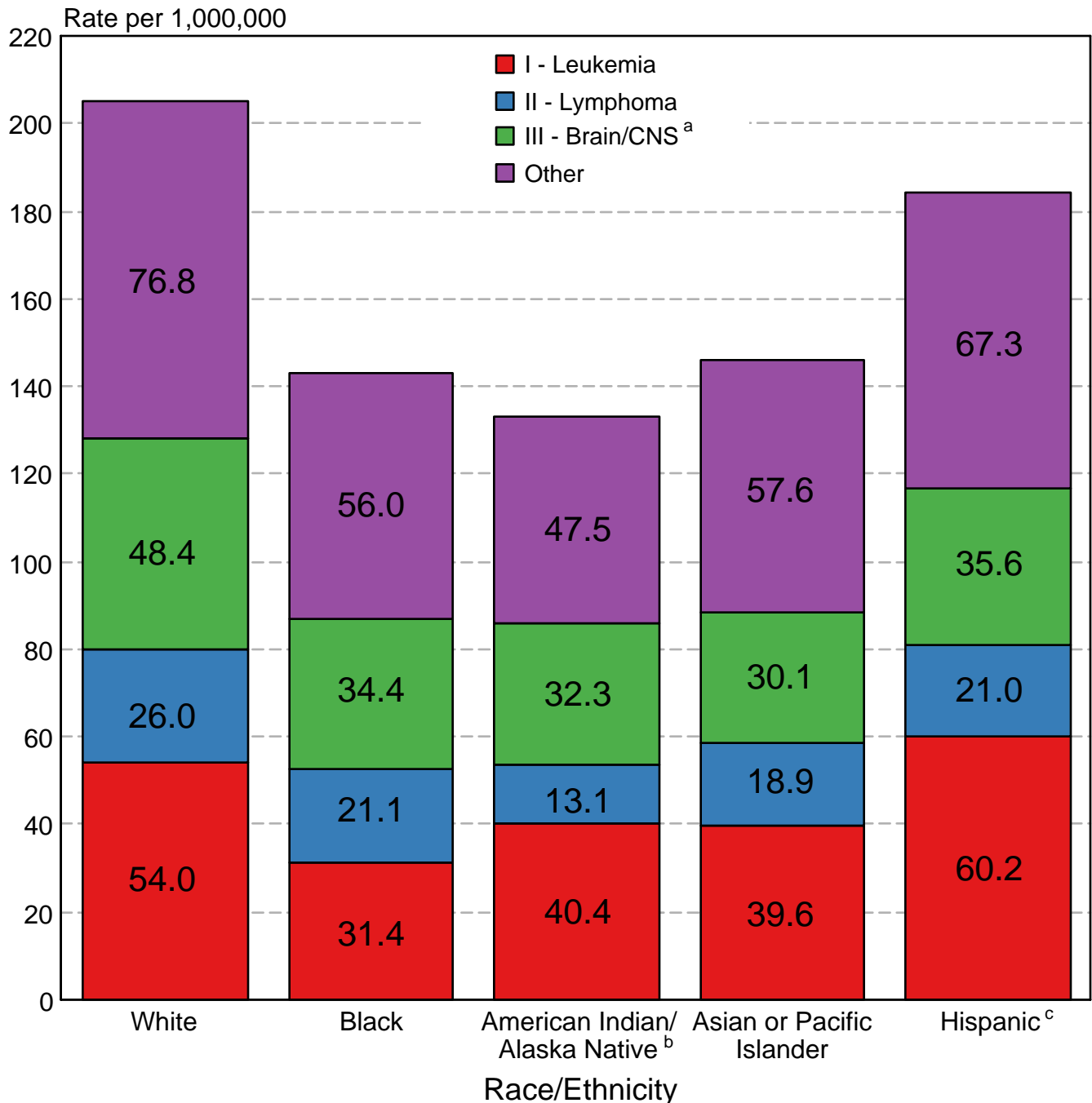
^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Figure 29.2

Childhood Cancer: SEER Incidence Rates 2007- 2011
by ICCC Group and Race/Ethnicity
 (includes myelodysplastic syndromes and Group III benign brain)
Both Sexes, Under 20 Years of Age



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). Incidence rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

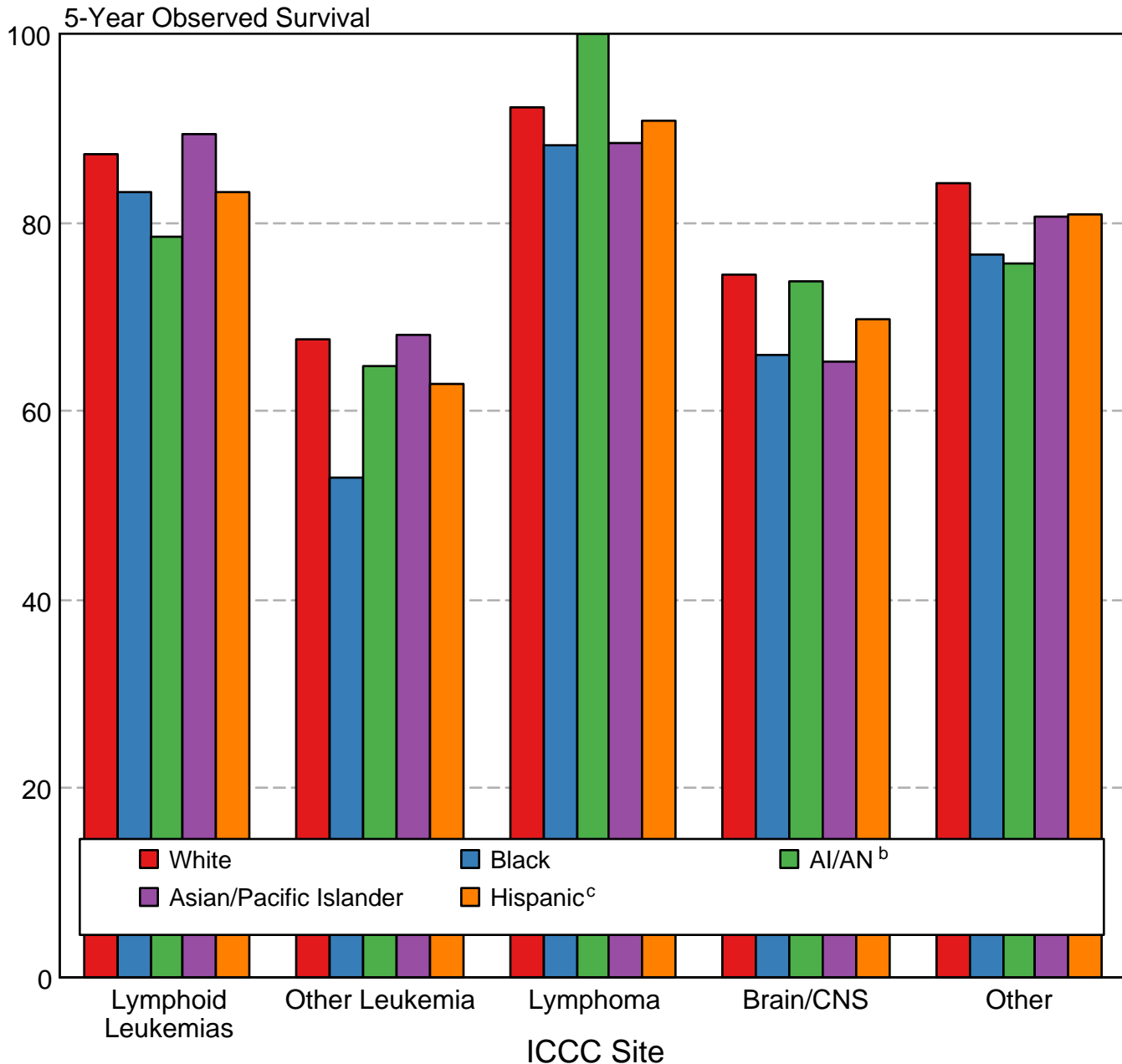
^a Rate for Group III (Brain/CNS) includes benign brain tumors.

^b Incidence rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Figure 29.3

Childhood Cancer 5-Year Observed Survival (%) by ICCC Group^a and Race/Ethnicity Both Sexes, Under 20 Years of Age, 2004-2010



Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^a Excludes myelodysplastic syndromes (MDS) and benign brain tumors.

^b American Indian/Alaska Native. Survival data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Survival data for Hispanics are based on NHIA and excludes cases from the Alaska Native Registry.